07-10

Rulemaking Hearing Rules of the Tennessee Water Quality Control Board
Tennessee Department of Environment and Conservation
Amendments

Rules 1200-4-3-.01 through .06 are amended by deleting them in their entirety and replacing them with the following:

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1200-4-3-.01 Tennessee Water Quality Control Board

The Water Quality Control Act, T.C.A., §69-3-101, et seq., makes it the duty of the Water Quality Control Board to study and investigate all problems concerned with the pollution of the Waters of the State and with its prevention, abatement, and control; and to establish such standards of quality for any Waters of the State in relation to their reasonable and necessary use as the Board shall deem to be in the public interest; and establish general policies relating to pollution as the Board shall deem necessary to accomplish the purposes of the Act. The following general considerations and criteria shall be used to determine the permissible conditions of waters with respect to pollution and preventative or corrective measures required to control pollution in various waters or in different sections of the same waters.

Authority: T.C.A. §§4-5-201, et seq., and §69-3-105.

1200-4-3-.02 General Considerations.

(1) Tennessee water quality standards shall consist of the General Water Quality Criteria and the Antidegradation Statement found in Rule 1200-4-3, and the Use Classifications for Surface Waters found in Rule 1200-4-4.

(2) Waters have many uses which in the public interest are reasonable and necessary. Such uses include: sources of water supply for domestic and industrial purposes; propagation and maintenance of fish and other aquatic life; recreation in and on the waters including the safe consumption of fish and shellfish; livestock watering and irrigation; navigation; generation of power; propagation and maintenance of wildlife; and the enjoyment of scenic and aesthetic qualities of waters.

(3) The rigid application of uniform water quality is not desirable or reasonable because of the varying uses of such waters. The assimilative capacity of a stream for sewage and waste varies depending upon various factors and including the following: volume of flow, depth of channel, the presence of falls or rapids, rate of flow, temperature, natural characteristics, and the nature of the stream. Also, the relative importance assigned to each use will differ for different waters and sections of waters.

(4) In order to permit the reasonable and necessary uses of the Waters of the State, existing pollution should be corrected as rapidly as practicable, and future pollution prevented through the best available technology economically achievable or that greater level of technology necessary to meet water quality standards; i.e., modeling and stream survey assessments, treatment plants or other control measures.

(Rule 1200-4-3-.02, continued)

(5) Sewage, industrial wastes, or other wastes, as defined in the Water Quality Control Act, T.C.A. §69-3-101, et. seq., shall not be discharged into or adjacent to streams or other surface waters in such quantity and of such character or under such conditions of discharge in relation to the receiving waters as will result in visual or olfactory nuisances, undue interference to other reasonable and necessary uses of the water, or appreciable damage to the natural processes of self-purification. In relation to the various qualities and the specific uses of the receiving waters, no sewage, industrial wastes, or other wastes discharged shall cause conditions that fail to meet the water quality standards outlined herein. Bypassing (See definition) is prohibited except where necessary to prevent loss of life or severe property damage, or where excessive storm drainage or runoff would damage treatment facilities.

(6) Since all Waters of the State are classified for more than one use, the most stringent criteria will be applicable. In cases where criteria for protection of more than one use apply at different stream flows (e.g., aquatic life versus recreation), the most stringent criteria will also be applicable.

(7) Waters identified as wet weather conveyances according to the definition found in 1200-4-3-.04 (4), shall be protective of humans and wildlife that may come in contact with them and shall not degrade or adversely affect the quality of downstream waters. Applicable water quality standards will be maintained downstream of wet weather conveyances.

(8) All fish and aquatic life metals criteria are expressed as total recoverable. For cadmium, copper, lead, nickel, silver, and zinc, calculation of NPDES permit limits will be based upon the dissolved fraction of the total recoverable criteria. The dissolved fraction will be calculated by application of approved conversion factors. Translators will be used to convert the dissolved fraction into a total recoverable permit limit. One of three approaches to metals translation will be used: (1) translator is the same as the conversion factor, (2) translator is based on relationships derived from STORET data, (3) a site-specific translator is developed. Where available, a site-specific translator is preferred. For assessing whether criteria for cadmium, copper, lead, nickel, silver, and zinc are exceeded by ambient water quality conditions, the total recoverable criteria will also be appropriately converted to the dissolved fraction, then translated, in order to allow direct comparison to the ambient data, if total recoverable. Site-specific criteria studies may be conducted on any appropriate fish and aquatic life criteria. When the Division develops or approves site-specific criteria for any substances for which generally applicable criteria have been adopted, the site-specific criteria will supersede the adopted criteria at that location. The Division can approve a site-specific criteria developed by others provided that an approved methodology is used and that both the study plan and results are approved. References on this subject include, but are not limited to: *Technical Support Document for Water Quality-based Toxics Control* (EPA - 505/2-90-001); *Technical Guidance Manual for Performing Waste Load Allocations: Book VIII* (EPA/600/6-85/002a/002b/002c); *MinteqA2, An Equilibrium Metal Speciation Model* (EPA/600/3-87/012); *Water Quality Standards Handbook, Second Edition* (EPA-823-B-93-002); *The Metals Translator: Guidance for Calculating a Total Recoverable Permit Limit From a Dissolved Criteria* (EPA-823-B-96-007), *Interim Guidance on Determination and Use of Water-effect Ratios for Metals* (EPA-823-B-94-001).

(9) Interpretation and application of narrative criteria shall be based on available scientific literature and EPA guidance and regulations.

Authority: T.C.A. §§4-5-201, et seq., and 69-3-105.

1200-4-3-.03 Criteria For Water Uses

(1) Domestic Water Supply.

(a) Dissolved Oxygen - There shall always be sufficient dissolved oxygen present to prevent odors of decomposition and other offensive conditions.

(b) pH - The pH value shall lie within the range of 6.0 to 9.0 and shall not fluctuate more than 1.0 unit in this range over a period of 24 hours.

(c) Hardness or Mineral Compounds - The hardness of or the mineral compounds contained in the water shall not appreciably impair the usefulness of the water as a source of domestic water supply.

(d) Total Dissolved Solids - The total dissolved solids shall at no time exceed 500 mg/l.

(e) Solids, Floating Materials and Deposits - There shall be no distinctly visible solids, scum, foam, oily slick, or the formation of slimes, bottom deposits or sludge banks of such size or character as may impair the usefulness of the water as a source of domestic water supply.

(f) Turbidity or Color - There shall be no turbidity or color in amounts or characteristics that cannot be reduced to acceptable concentrations by conventional water treatment processes (See definition).

(g) Temperature - The maximum water temperature change shall not exceed 3C° relative to an upstream control point. The temperature of the water shall not exceed 30.5°C and the maximum rate of change shall not exceed 2C° per hour. The temperature of impoundments where stratification occurs will be measured at a depth of 5 feet or mid-depth, whichever is less, and the temperature in flowing streams shall be measured at mid-depth.

(h) Coliform - The concentration of the fecal coliform group shall not exceed 1,000 per 100 ml. as a geometric mean based on a minimum of 10 samples collected from a given sampling site over a period of not more than 30 consecutive days with individual samples being collected at intervals of not less than 12 hours. For the purpose of determining the geometric mean, individual samples having a fecal coliform group concentration of less than 1 per 100 ml shall be considered as having a concentration of 1 per 100 ml. In addition, the concentration of the fecal coliform group in any individual sample shall not exceed 5,000 per 100 ml.

(i) Taste or Odor - The waters shall not contain substances which will result in taste or odor that prevent the production of potable water by conventional water treatment processes.

(j) Toxic Substances - The waters shall not contain toxic substances, whether alone or in combination with other substances, which will produce toxic conditions that materially affect the health and safety of man or animals, or impair the safety of conventionally treated water supplies. Available references include, but are not limited to: Quality Criteria for Water (Section 304(a) of Public Law 92-500 as amended); Federal Regulations under Section 307 of Public Law 92-500 as amended; and Federal Regulations under Section 1412 of the Public Health Service Act as amended by the Safe Drinking Water Act, (Public Law 93-523). Limits set for some of the most commonly occurring toxic substances are as follows:

(Rule 1200-4-3-.03, continued)

Compound	Criteria (ug/L)	Compound	Criteria (ug/L)
Antimony	6	Diquat	20
Arsenic	50	Endothall	100
Beryllium	4	Glyphosate	700
Barium	2000	Hexachlorobenzene	1
Cadmium	5	Hexachlorocyclopentadiene	50
Chromium, total	100	Oxamyl (Vydate)	200
Lead	5	Picloram	500
Cyanide (as free cyanide)	200	Simazine	4
Mercury	2	2,3,7,8 TCDD (Dioxin)	0.00003
Nickel	100	Benzene	5
Selenium	50	Carbon tetrachloride	5
Thallium	2	1,2-Dichloroethane	5
		1,1-Dichloroethylene	7
		1,1,1-Trichloroethane	200
Alachlor	2	Trichloroethylene	5
Atrazine	3	Vinyl chloride	2
Carbofuran	40	para-Dichlorobenzene	75
Chlordane	2	cis 1,2-Dichloroethylene	70
Dibromo chloropropane	0.2	1,2-Dichloropropane	5
2,4 Dichlorophennoxyacetic	70	Ethyl benzene	700
Ethylene dibromide	0.05	Monochlorobenzene	100
Heptachlor	0.4	ortho-Dichlorobenzene	600
Heptachlor epoxide	0.2	Styrene	100
Lindane	0.2	Tetrachloroethylene	5
Methoxychlor	40	Toluene	1000
Polychlorinated biphenyls	0.5	trans 1,2-Dichloroethylene	100
2,4,5 Trichlorophenoxyprioponic acid	50	Xylenes, total	10000
Pentachlorophenol	1	Dichloromethane	5
Benzo(a)pyrene	0.2	1,2,4-Trichlorobenzene	70
Dalapon	200	1,1,2-Trichloroethane	5
Di(2-ethylhexyl) adipate	400	Endrin	2.0
Di(2-ethylhexyl) phthalate	6	Toxaphene	3
Dinoseb	7		

(k) Other Pollutants - The waters shall not contain other pollutants in quantities that may be detrimental to public health or impair the usefulness of the water as a source of domestic water supply.

(2) Industrial Water Supply.

(a) Dissolved Oxygen - There shall always be sufficient dissolved oxygen present to prevent odors of decomposition and other offensive conditions.

(b) pH - The pH value shall lie within the range of 6.0 to 9.0 and shall not fluctuate more than 1.0 unit in this range over a period of 24 hours.

(c) Hardness or Mineral Compounds - The hardness of or the mineral compounds contained in the water shall not appreciably impair the usefulness of the water as a source of industrial water supply.

(d) Total Dissolved Solids - The total dissolved solids shall at no time exceed 500 mg/l.

(Rule 1200-4-3-.03, continued)

(e) Solids, Floating Materials and Deposits - There shall be no distinctly visible solids, scum, foam, oily slick, or the formation of slimes, bottom deposits or sludge banks of such size or character as may impair the usefulness of the water as a source of industrial water supply.

(f) Turbidity or Color - There shall be no turbidity or color in amounts or characteristics that cannot be reduced to acceptable concentrations by conventional water treatment processes.

(g) Temperature - The maximum water temperature change shall not exceed 3C° relative to an upstream control point. The temperature of the water shall not exceed 30.5°C and the maximum rate of change shall not exceed 2C° per hour. The temperature of impoundments where stratification occurs will be measured at a depth of 5 feet or mid- depth, whichever is less, and the temperature in flowing streams shall be measured at mid-depth.

(h) Taste or Odor - The waters shall not contain substances which will result in taste or odor that would prevent the use of the water for industrial processing.

(i) Toxic Substances - The waters shall not contain toxic substances whether alone or in combination with other substances, which will adversely affect industrial processing.

(j) Other Pollutants - The waters shall not contain other pollutants in quantities that may adversely affect the water for industrial processing.

(3) Fish and Aquatic Life.

(a) Dissolved Oxygen - The dissolved oxygen shall be a minimum of 5.0 mg/l except in limited sections of streams where it can be clearly demonstrated that (i) the existing quality of the water due to irretrievable man-induced conditions cannot be restored to the desired minimum of 5.0 mg/l dissolved oxygen; or (ii) the natural background quality of the water is less than the desired minimum of 5.0 mg/l. Such exceptions shall be determined on an individual basis, but in no instance shall the dissolved oxygen concentration be less than 3.0 mg/l. The dissolved oxygen concentrations shall be measured at mid-depth in waters having a total depth of ten (10) feet or less, and at a depth of five (5) feet in waters having a total depth of greater than ten (10) feet. The dissolved oxygen concentration of recognized trout waters shall not be less than 6.0 mg/l. The above criteria are applicable to tailwaters. The dissolved oxygen concentration of trout waters which have been designated as supporting a naturally reproducing population shall not be less than 8.0 mg/l.

(b) pH - The pH value shall lie within the range of 6.5 to 9.0 and shall not fluctuate more than 1.0 unit in this range over a period of 24 hours.

(c) Solids, Floating Materials and Deposits - There shall be no distinctly visible solids, scum, foam, oily slick, or the formation of slimes, bottom deposits or sludge banks of such size or character that may be detrimental to fish and aquatic life.

(d) Turbidity or Color - There shall be no turbidity or color in such amounts or of such character that will materially affect fish and aquatic life.

(Rule 1200-4-3-.03, continued)

(e) Temperature - The maximum water temperature change shall not exceed 3C° relative to an upstream control point. The temperature of the water shall not exceed 30.5°C and the maximum rate of change shall not exceed 2C° per hour. The temperature of recognized trout waters shall not exceed 20°C. There shall be no abnormal temperature changes that may affect aquatic life unless caused by natural conditions. The temperature of impoundments where stratification occurs will be measured at mid-depth in the epilimnion for warm water fisheries and mid-depth in the hypolimnion for cold water fisheries. In the case of large impoundments (100 acres or larger) subject to stratification and recognized as trout waters, the temperature of the hypolimnion shall not exceed 20°C. The temperature in flowing streams shall be measured at mid-depth.

(f) Taste or Odor - The waters shall not contain substances that will impart unpalatable flavor to fish or result in noticeable offensive odors in the vicinity of the water or otherwise interfere with fish or aquatic life. References include, but are not limited to: Quality Criteria for Water (section 304(a) of Public Law 92-500 as amended).

(g) Toxic Substances - The waters shall not contain substances or a combination of substances including disease - causing agents which, by way of either direct exposure or indirect exposure through food chains, may cause death, disease, behavioral abnormalities, cancer, genetic mutations, physiological malfunctions (including malfunctions in reproduction), physical deformations, or restrict or impair growth in fish or aquatic life or their offspring. References on this subject include, but are not limited to: Quality Criteria for Water (Section 304(a) of Public Law 92-500 as amended); Federal Regulations under Section 307 of Public Law 92-500 as amended. The following criteria are for the protection of fish and aquatic life:

Compound	Criterion Maximum Concentration ug/l (CMC)	Criterion Continuous Concentration ug/l (CCC)
Arsenic (III)	360	190
Cadmium*	1.8/3.9/8.6	0.7/1.1/2.0
Chromium, total	—	100
Chromium, VI	16	11
Copper*	9.2/17.7/34.1	6.5/11.8/21.4
Lead*	33.8/81.7/197	1.3/3.2/7.7
Mercury	1.69	0.908
Nickel*	789/1418/2549	87.7/158/283
Selenium	20	5
Silver*	1.23/4.1/13.4	—
Zinc*	65.0/117/211	58.9/106/191
Cyanide**	22	5.2
Chlorine (TRC)	19	11
Pentachlorophenol***	20	13

(Rule 1200-4-3-.03, continued)

Compound	Criterion Maximum Concentration ug/l (CMC)	Criterion Continuous Concentration ug/l (CCC)
Aldrin	3.0	—
g-BHC - Lindane	2.0	0.08
Chlordane	2.4	0.0043
4-4'-DDT	1.1	0.001
Dieldrin	2.5	0.0019
a-Endosulfan	0.22	0.056
b-Endosulfan	0.22	0.056
Endrin	0.18	0.0023
Heptachlor	0.52	0.0038
Heptachlor epoxide	0.52	0.0038
PCB, each aroclor	—	0.014
Toxaphene	0.73	0.0002

*Criteria for these metals are expressed as a function of total hardness (mg/L), as follows (values displayed above correspond to a total hardness of 50, 100 and 200 mg/L, respectively):

$CMC = \exp\{m_A[\ln(\text{hardness})] + b_A\}$ $\quad CCC = \exp\{m_C[\ln(\text{hardness})] + b_C\}$

	m_A	b_A	m_C	b_C
Cadmium	1.128	-3.828	0.7852	-3.490
Copper	0.9422	-1.464	0.8545	-1.465
Lead	1.273	-1.460	1.273	-4.705
Nickel	0.8460	3.3612	0.8460	1.1645
Silver	1.72	-6.52		
Zinc	0.8473	0.8604	0.8473	0.7614

If criteria are hardness-dependent, the chronic (CCC) and acute (CMC) concentrations shall be based on 25 mg/l hardness if the ambient hardness is less than 25 mg/l. Concentrations shall be based on the actual stream hardness if it is greater than 25 mg/l, however, no hardness greater than 400 mg/l will be used. For information concerning metals translation and site-specific criteria, see 1200-4-3-.02 (8).

** If Standard Methods 4500-CN⁻ I (Weak Acid Dissociable) or 4500-CN⁻ G (Cyanides Amenable to Chlorination after Distillation) are used, this criterion may be applied as free cyanide.

***Criteria for pentachlorophenol are expressed as a function of pH. Values displayed above correspond to a pH of 7.8 and are calculated as follows:

$$CMC = \exp(1.005(pH) - 4.830) \qquad CCC = \exp(1.005(pH) - 5.290)$$

(h) Other Pollutants - The waters shall not contain other pollutants that will be detrimental to fish or aquatic life.

(i) Coliform - The concentration of the fecal coliform group shall not exceed 1,000 per 100 ml as a geometric mean based on a minimum of 10 samples collected from a given sampling site over a period of not more than 30 consecutive days with individual samples being collected at intervals of not less than 12 hours. For the purposes of determining the geometric mean, individual samples having a fecal coliform group concentration of less than 1 per 100 ml shall be considered as having a concentration of 1 per 100 ml. In addition, the concentration of the fecal coliform group in any individual sample shall not exceed 5,000 per 100 ml.

(Rule 1200-4-3-.03, continued)

(j) Biological Integrity - The waters shall not be modified through the addition of pollutants or through physical alteration to the extent that the diversity and/or productivity of aquatic biota within the receiving waters are substantially decreased or adversely affected, except as allowed under 1200-4-3-.06. The condition of biological communities will be measured by use of metrices suggested in guidance such as Rapid Bioassessment Protocols for Use in Streams and Rivers (EPA/444/4-89-001) or other scientifically defensible methods. Effects to biological populations will be measured by comparisons to upstream conditions or to appropriately selected reference sites in the same ecoregion (See definition).

(4) Recreation.

(a) Dissolved Oxygen - There shall always be sufficient dissolved oxygen present to prevent odors of decomposition and other offensive conditions.

(b) pH - The pH value shall lie within the range of 6.0 to 9.0 and shall not fluctuate more than 1.0 unit in this range over a period of 24 hours.

(c) Solids, Floating Materials and Deposits - There shall be no distinctly visible solids, scum, foam, oily slick, or the formation of slimes, bottom deposits or sludge banks of such size or character that may be detrimental to recreation.

(d) Turbidity or Color - There shall be no turbidity or color in such amounts or character that will result in any objectionable appearance to the water.

(e) Temperature - The maximum water temperature change shall not exceed 3C° relative to an upstream control point. The temperature of the water shall not exceed 30.5°C and the maximum rate of change shall not exceed 2C° per hour. The temperature of impoundments where stratification occurs will be measured at a depth of 5 feet, or mid- depth whichever is less, and the temperature in flowing streams shall be measured at mid-depth.

(f) Coliform - The concentration of a fecal coliform group shall not exceed 200 per 100 ml, nor shall the concentration of the *E. coli* group exceed 126 per 100 ml, as a geometric mean based on a minimum of 10 samples collected from a given sampling site over a period of not more than 30 consecutive days with individual samples being collected at intervals of not less than 12 hours. For the purposes of determining the geometric mean, individual samples having a fecal coliform group or *E. coli* concentration of less than 1 per 100 ml shall be considered as having a concentration of 1 per 100 ml. In addition, the concentration of the fecal coliform group in any individual sample shall not exceed 1,000 per 100 ml.

(g) Taste or Odor - The waters shall not contain substances that will result in objectionable taste or odor.

(h) Toxic Substances - The waters shall not contain toxic substances, whether alone or in combination with other substances, that will render the waters unsafe or unsuitable for water contact activities including the capture and subsequent consumption of fish and shellfish, or will propose toxic conditions that will adversely affect man, animal, aquatic life, or wildlife. Human health criteria have been derived to protect the consumer from consumption of contaminated fish and water. The water and organisms criteria should only be applied to those waters classified for both recreation and domestic water supply. The criteria for recreation are as follows:

(Rule 1200-4-3-.03, continued)

Compound	Water & Organisms Criteria * (ug/L)	Organisms Only Criteria (ug/L)
INORGANICS		
Antimony	14.0	4300
Arsenic (c)	50.0	50.0
Mercury	0.05	0.051
Nickel	610	4600
Thallium	1.7	6.3
Cyanide	700	220000
Dioxin **	0.000001	0.000001
VOLATILES		
Acrolein	320	780
Acrylonitrile (c)	0.59	6.6
Benzene (c)	12	710
Bromoform (c)	43	3600
Carbon tetrachloride (c)	2.5	44
Chlorobenzene	680	21000
Chlorodibromomethane (c)	4.1	340
Chloroform (c)	57	4700
Dichlorobromomethane (c)	5.6	460
1,2-Dichloroethane (c)	3.8	990
1,1-Dichloroethylene (c)	0.57	32
1,2-Dichloropropane	0.52	39
1,3-Dichloropropylene (Cis)	10	1700
1,3-Dichloropropylene (Trans)	10	1700
Ethylbenzene	3100	29000
Methyl bromide	48	4000
Methylene chloride		
Dichloromethane (c)	47	16000
1,1,2,2-Tetrachloroethane (c)	1.7	110
Tetrachloroethylene (c)	8	88.5
Toluene	6800	200000
1,2-Trans-Dichloroethylene	700	140000
1,1,2-Trichloroethane (c)	6	420
Trichloroethylene (c)	27	810
Vinyl chloride (c)	20	5250
ACID EXTRACTABLES		
2-Chlorophenol	120	400
2,4-Dichlorophenol	93	790
2,4-Dimethylphenol	540	2300
2-Methyl-4,6-dinitrophenol - 4,6-Dinitro-o-cresol	13.4	765
2,4-Dinitrophenol	70	14000
Pentachlorophenol (c) (pH)	2.8	82
Phenol	21000	4600000
2,4,6-Trichlorophenol (c)	21	65

Compound	Water & Organisms Criteria * (ug/L)	Organisms Only Criteria (ug/L)
BASE NEUTRALS		
Acenaphthene	1200	2700
Anthracene	9600	110000
Benzidine (c)	0.0012	0.0054
Benzo(a)anthracene (c)	0.044	0.49
Benzo(a)pyrene (c)	0.044	0.49
3,4-Benzo(b)fluoranthene (c)	0.044	0.49
Benzo(k)fluoranthene (c)	0.044	0.49
Bis(Chlorethyl)ether (c)	0.31	14
Bis(2-Chloro-isopropyl)ether	1400	170000
Bis(2-Ethylhexyl)phthalate (c)	18	59
Butylbenzyl Phthalate	3000	5200
2-Chloronaphthalene	1700	4300
Chrysene (c)	0.044	0.49
Dibenz(a,h)Anthracene (c)	0.044	0.49
1,2-(o)Dichlorobenzene	2700	17000
1,3-(m)Dichlorobenzene	400	2600
1,4-(p)Dichlorobenzene	400	2600
3,3-Dichlorobenzidine (c)	0.4	0.77
Diethyl phthalate	23000	120000
Dimethyl phthalate	313000	2900000
Dibutyl phthalate	2700	12000
2,4-Dinitrotoluene (c)	1.1	91
1,2-Diphenylhydrazine (c)	0.4	5.4
Fluoranthene	300	370
Fluorene	1300	14000
Hexachlorobenzene (c)	0.0075	0.0077
Hexachlorobutadiene (c)	4.4	500
Hexachlorocyclopentadiene	240	17000
Hexachloroethane (c)	19	89
Indeno(1,2,3-cd)Pyrene (c)	0.044	0.49
Isophorone (c)	360	26000
Nitrobenzene	17	1900
N-Nitrosodimethylamine (c)	0.0069	81
N-Nitrosodi-n-Propylamine	0.005	1.4
N-Nitrosodiphenylamine (c)	50	160
Pyrene	960	11000
PESTICIDES		
Aldrin (c)	0.0013	0.0014
a-BHC (c)	0.039	0.13
b-BHC (c)	0.14	0.46
g-BHC - Lindane (c)	0.19	0.63
Chlordane (c)	0.0057	0.0059
4-4'-DDT (c)	0.0059	0.0059
4,4'-DDE (c)	0.0059	0.0059
4,4'-DDD (c)	0.0083	0.0084
Dieldrin (c)	0.0014	0.0014
a-Endosulfan	110	240
b-Endosulfan	110	240
Endosulfan Sulfate	110	240
Endrin	0.76	0.81
Endrin Aldehyde	0.76	0.81
Heptachlor (c)	0.0021	0.0021
Heptachlor epoxide (c)	0.001	0.0011
PCB aroclors (c) (EPA 119-125)	0.00044	0.00045
PCB, total (c)	0.00044	0.00045
Toxaphene (c)	0.0073	0.0075

(c) - 10^{-5} risk level is used for all carcinogenic pollutants.

* These criteria are for protection of public health due to consumption of water and organisms and should only be applied to these waters designated for both recreation and domestic water supply.

** Total dioxin is the sum of the concentrations of all dioxin and dibenzofuran isomers after multiplication by Toxic Equivalent Factors (TEFs). Following are the TEFs currently recommended by EPA (subject to revision):

DIOXIN ISOMERS	TEF
Mono-, Di-, & TriCDDs	0.0
2,3,7,8 TCDD	1.0
Other TCDDs	0.0
2,3,7,8 PeCDD	0.5
Other PeCDDs	0.0
2,3,7,8 HxCDD	0.1
Other HxCDDs	0.0
2,3,7,8 HpCDD	0.01
Other HpCDDs	0.0
OCDD	0.001

FURAN ISOMERS	TEF
Mono-, Di-, & TriCDFs	0.0
2,3,7,8 TCDF	0.1
Other TCDFs	0.0
1,2,3,7,8 PeCDF	0.05
2,3,4,7,8 PeCDF	0.5
Other PeCDFs	0.0
Other PeCDFs	0.0
2,3,7,8 HxCDF	0.1
Other HxCDFs	0.0
2,3,7,8 HpCDF	0.01
Other HpCDFs	0.0
OCDF	0.001

pages

(Rule 1200-4-3-.03, continued)

(i) Other Pollutants - The waters shall not contain other pollutants in quantities which may have a detrimental effect on recreation.

(j) Fish Consumption Advisories - A public fishing advisory will be considered when the calculated risk of additional cancers exceeds 10^{-4} for typical consumers or 10^{-5} for atypical consumers (See definition). A "do not consume" advisory will be issued for the protection of typical consumers and a "precautionary advisory" will be issued for the protection of atypical consumers. The following formula will be used to calculate the risk of additional cancers :

$R = qE$

where:

R= Plausible-upper-limit risk of cancer associated with a chemical in a fisheries species for a human subpopulation.

q = Carcinogenic Potency Factor for the chemical $(mg\ kg^{-1}\ day^{-1})^{-1}$ estimated as the upper 95 percent confidence limit of the slope of a linear dose-response curve. Scientifically defensible Potency Factors will be used.

E = Exposure dose of the chemical $(mg\ kg^{-1}\ day^{-1})$ from the fish species for the human subpopulation in the area. E is calculated by the following formula:

$$E = \frac{CIX}{W}$$ where:

C = Concentration of the chemical (mg/kg) in the edible portion of the species in the area. The average levels from multiple fillet samples of the same species will be used. Catfish will be analyzed skin-off with the belly flap included in the sample. Gamefish and carp will be analyzed skin-on with the belly flap included in the sample. Sizes of fish collected for analysis will represent the ranges of sizes likely to be collected and consumed by the public. References on this subject include, but are not limited to: EPA's *Guidance for Assessing Chemical Contaminant Data for use in Fish Advisories.*

I = Mean daily consumption rate (g/day averaged over 70 year lifetime) of the fish species by the human subpopulation in the area. 6.5 g/day will be used unless better site-specific information is available.

X = Relative absorption coefficient, or the ratio of human absorption efficiency to test animal absorption efficiency of the chemical. Assumed to be 1.0 unless better information is available.

W = Average human mass (kg). 75 kg will be used.

For substances for which the public heath concern is based on toxicity, a "do not consume" advisory will be considered warranted when average levels of the substance in the edible portion of fish exceed U.S. Food and Drug Administration (FDA) Action Levels.

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(Rule 1200-4-3-.03, continued)

(5) Irrigation.

(a) Dissolved Oxygen - There shall always be sufficient dissolved oxygen present to prevent odors of decomposition and other offensive conditions.

(b) pH - The pH value shall lie within the range of 6.0 to 9.0 and shall not fluctuate more than 1.0 unit in this range over a period of 24 hours.

(c) Hardness or Mineral Compounds - The hardness of or the mineral compounds contained in the water shall not impair its use for irrigation.

(d) Solids, Floating Materials and Deposits - There shall be no distinctly visible solids, scum, foam, oily slick, or the formation of slimes, bottom deposits or sludge banks of such size or character as may impair the usefulness of the water for irrigation purposes.

(e) Temperature - The temperature of the water shall not interfere with its use for irrigation purposes.

(f) Toxic Substances - The waters shall not contain toxic substances whether alone or in combination with other substances which will produce toxic conditions that adversely affect the quality of the waters for irrigation.

(g) Other Pollutants - The waters shall not contain other pollutants in quantities which may be detrimental to the waters used for irrigation.

(6) Livestock Watering and Wildlife.

(a) Dissolved Oxygen - There shall always be sufficient dissolved oxygen present to prevent odors of decomposition and other offensive conditions.

(b) pH - The pH value shall lie within the range of 6.0 to 9.0 and shall not fluctuate more than 1.0 unit in this range over a period of 24 hours.

(c) Hardness or Mineral Compounds - The hardness of or the mineral compounds contained in the water shall not impair its use for livestock watering and wildlife.

(d) Solids, Floating Materials and Deposits - There shall be no distinctly visible solids, scum, foam, oily slick, or the formation of slimes, bottom deposits or sludge banks of such size or character as to interfere with livestock watering and wildlife.

(e) Temperature - The temperature of the water shall not interfere with its use for livestock watering and wildlife.

(f) Toxic Substances - The waters shall not contain substances whether alone or in combination with other substances, which will produce toxic conditions that adversely affect the quality of the waters for livestock watering and wildlife.

(g) Other Pollutants - The waters shall not contain other pollutants in quantities which may be detrimental to the water for livestock watering and wildlife.

(Rule 1200-4-3-.03, continued)
(7) Navigation.

(a) Solids, Floating Materials and Deposits - There shall be no distinctly visible solids, scum, foam, oily slick, or the formation of slimes, bottom deposits or sludge banks of such size or character as to interfere with navigation.

(b) Other Pollutants - The waters shall not contain other pollutants in quantities which may be detrimental to the waters used for navigation.

Authority: T.C.A. §§4-5-201, et seq., and 69-3-105.

1200-4-3-.04 Definitions

(1) Bypassing - "Bypass" means the discharge of wastes from any portion of the collection or treatment system other than through the permitted outfall.

(2) Conventional Water Treatment - Conventional water treatment as referred to in the criteria denotes coagulation, sedimentation, filtration, and chlorination or disinfection.

(3) Mixing Zone - That section of a flowing stream or impounded waters in the immediate vicinity of an outfall where an effluent becomes dispersed and mixed.

(4) Wet Weather Conveyance - Wet weather conveyances are man-made or natural watercourses, including natural watercourses that have been modified by channelization, that flow only in direct response to precipitation runoff in their immediate locality and whose channels are above the groundwater table and which do not support fish or aquatic life and are not suitable for drinking water supplies. [T.C.A. § 4-5-202, T.C.A. § 69-3-105.]

(5) Degradation - The alteration of the properties of waters by the addition of pollutants or removal of habitat. Alterations not resulting in the condition of pollution that are of a temporary nature or those alterations having de minimus impact (no measurable or less than 5 percent loss of assimilative capacity) will not be considered degradation. Degradation will not be considered de minimus if a substantial loss (more than 50 percent) of assimilative capacity has already occurred.

(6) Ecoregion - A relatively homogeneous area defined by similarity of climate, landform, soil, potential natural vegetation, hydrology, or other ecologically relevant variables.

(7) Reference site - least impacted waters within an ecoregion that have been monitored to establish a baseline to which alterations of other waters can be compared.

(8) Atypical consumers are those persons in the vicinity of a stream or lake who due to physiological factors or previous exposure are more sensitive to specific pollutants than is the population in general. Examples of atypical consumers may include, but are not limited to: children; pregnant or nursing women; subsistence fishermen; frequent purchasers of commercially harvested fish; and agricultural, industrial, or military personnel who may have had previous occupational exposure to the contaminant of concern.

(9) Terminology not specifically defined herein shall be defined in accordance with the Tennessee Water Quality Control Act. [T.C.A. §§ 69-3-101, et seq.]

Authority: T.C.A. §§4-5-201, et seq., and 69-3-105.

(Rule 1200-4-3-.04, continued)

1200-4-3-.05 Interpretation of Criteria

(1) Interpretation of the above criteria shall conform to any rules and regulations or policies adopted by the Water Quality Control Board.

(2) The effect of treated sewage or waste discharge on the receiving waters shall be considered after they are mixed with the waters and beyond a reasonable zone of immediate effect. The extent to which this is practicable depends upon local conditions and the proximity and nature of other uses of the waters. Such mixing zones (See definition) shall be restricted in area and length and shall not (i) prevent the free passage of fish or cause aquatic life mortality in the receiving waters; (ii) contain materials in concentrations that exceed recognized acute toxicity levels for biota representative of the aquatic community in the receiving waters; (iii) result in offensive conditions; (iv) produce undesirable aquatic life or result in dominance of a nuisance species; (v) endanger the public health or welfare; or (vi) adversely affect the reasonable and necessary uses of the area; (vii) create a condition of chronic toxicity beyond the edge of the mixing zone; and (viii) adversely affect nursery and spawning areas.

(3) The technical and economical feasibility of waste treatment, recovery, or adjustment of the method of discharge to provide correction shall be considered in determining the time to be allowed for the development of practicable methods and for the specified correction, to the extent allowable under Rule 1200-4-3-.06 (5).

(4) The fish and aquatic life and livestock watering and wildlife criteria set forth shall be applied on the basis of the following stream flows: unregulated streams - stream flows equal to or exceeding the 7-day minimum, 10-year recurrence interval; regulated streams - all flows in excess of the minimum critical flow occurring once in ten years as determined by an analysis of records of operation and approved by the Commissioner of the Tennessee Department of Environment and Conservation. All other criteria shall be applied on the basis of stream flows equal to or exceeding the 30 day minimum 2 year recurrence interval.

(5) In general, deviations from normal water conditions are undesirable, but the magnitude and duration of the deviations shall be considered in interpreting the above criteria.

(6) The criteria and standards provide that all discharges of sewage, industrial waste, and other waste shall receive the degree of treatment or effluent reduction necessary to comply with water quality standards, or state or federal laws and regulations pursuant thereto, and where appropriate will comply with the "Standards of Performance" as required by the Tennessee Water Quality Control Act, (T.C.A., §§69-3-101, et seq.).

(7) Where naturally formed conditions (e.g., geologic formations) or background water quality conditions are substantial impediments to attainment of the water quality standards, these natural or background conditions shall be taken into consideration in establishing any effluent limitations or restrictions on discharges to such waters.

(8) There are cases in which the in-stream criteria as established by this rule are less than current chemical technological capabilities for analytical detection. In instances where permit limits established through implementation of these criteria are below analytical capabilities, compliance with those limits will be determined using the following detection limits, unless in specific cases other detection limits are demonstrated to be the best achievable because of the particular nature of the wastewater being analyzed:

REQUIRED DETECTION LEVELS [RDL] (ug/l)

INORGANICS	RDL
Antimony	3.0
Arsenic, total (c)	1.0
Arsenic (III) (c)	1.0
Beryllium (c)	1.0
Cadmium	1.0
Chromium, total	1.0
Chromium (III)	1.0
Chromium (VI)	10.0
Copper	1.0
Lead	1.0
Mercury	0.2
Nickel	10.0
Selenium	2.0
Silver	1.0
Zinc	1.0
Cyanide	5.0
Dioxin	0.00001
VOLATILES	
Acrolein	1.0
Acrylonitrile (c)	1.0
Benzene (c)	1.0
Bromoform - Tribromomethane (c)	1.0
Carbon tetrachloride (c)	1.0
Chloroform - Trichloromethane (c)	0.5
Dichlorobromomethane (c)	1.0
1,2-Dichloroethane (c)	1.0
1,1-Dichloroethylene (c)	1.0
1,3-Dichloropropylene	1.0
Ethylbenzene	1.0
Methyl chloride - Chloromethane (c)	1.0
Methylene chloride - Dichloromethane (c)	1.0
1,1,2,2-Tetrachloroethane (c)	0.5
Tetrachloroethylene (c)	0.5
Toluene	1.0
1,1,1-Trichloroethane	1.0
1,1,2-Trichloroethane (c)	0.2
Trichloroethylene (c)	1.0
Vinyl chloride (c)	2.0
ACID EXTRACTABLES	
2-Methyl-4,6-dinitrophenol-4,6-Dinitro-o-cresol	24.0
2,4-Dinitrophenol	42.0
Pentachlorophenol	5.0
2,4,6-Trichlorophenol (c)	2.7

BASE NEUTRALS	RDL
Acenaphthylene (c)	2.3
Anthracene	0.7
Benzo(a)anthracene (c)	0.3
Benzo(a)pyrene (c)	0.3
3,4-Benzofluoranthene (c)	0.3
Benzo(k)fluoranthene (c)	0.3
Bis(2-Chloroethyl)ether (c)	1.0
Bis(2-Ethylhexyl)phthalate(c)	2.5
Chrysene	2.5
1,2-Dichlorobenzene	2.0
1,3-Dichlorobenzene	2.0
1,4-Dichlorobenzene - para-Dichlorobenzene	4.4
Diethyl phthalate	1.9
Dimethyl phthalate	1.6
Di-n-Butyl phthalate	2.5
2,4-Dinitrotoluene (c)	1.0
Fluoranthene	2.2
Fluorene	0.3
Hexachlorobenzene (c)	1.9
Hexachlorobutadiene (c)	5.0
Hexachloroethane (c)	0.5
Nitrobenzene	10.0
Phenanthrene	0.7
Pyrene	0.3
PESTICIDES	
Aldrin (c)	0.5
g-BHC - Lindane (c)	0.5
Chlordane (c)	0.1
4-4'-DDT (c)	0.1
4,4'-DDE (c)	0.1
4,4'-DDD (c)	0.1
Dieldrin (c)	0.05
a-Endosulfan	0.1
b-Endosulfan	0.05
Endrin	0.1
Heptachlor (c)	0.05
Heptachlor epoxide (c)	0.08
PCB-1242 (c)	0.5
PCB-1254 (c)	0.5
PCB-1221 (c)	0.5
PCB-1232 (c)	0.5
PCB-1248 (c)	0.5
PCB-1260 (c)	0.5
PCB-1016 (c)	0.5
PCB, total (c)	0.5
Toxaphene (c)	0.5

(c) - carcinogen

(9) The criteria shall be applied using the total recoverable method, unless otherwise specified, or the Division conducts or approves a chemical speciation study which determines the bioavailable or toxic fraction of a specific chemical.

Authority: T.C.A. §§4-5-201, et seq., and 69-3-105.

1200-4-3-.06 Tennessee Antidegradation Statement

(1) It is the purpose of Tennessee's standards to fully protect existing uses of all surface waters as established under the Act. Existing uses are those actually attained in the waterbody on or after November 28, 1975. In bodies of water identified as Tier I by the Division, existing uses will be maintained by application of the General Water Quality Criteria. In Tier I waters found to not meet water quality standards for a substance, new or increased discharges of that substance will not be allowed.

(Rule 1200-4-3-.06, continued)

(2) The Tennessee Water Quality Standards shall not be construed as permitting the degradation (See definition) of high quality surface waters. Characteristics of high quality waters include:

(a) Waters that provide habitat for ecologically significant populations of aquatic or semi-aquatic plants or animals, including those proposed or listed for formal state or federal status.

(b) Waters that provide specialized recreational opportunities related to existing water quality.

(c) Waters that possess outstanding scenic or geologic values.

(d) Waters where existing conditions exceed water quality standards.

(3) The Department may recommend to the Water Quality Control Board that certain waterbodies be designated as Outstanding National Resource Waters (ONRWs). These shall be high quality waters which constitute an outstanding National resource, such as waters of National and State parks and wildlife refuges and waters of exceptional recreational or ecological significance.

Designation of ONRWs must be made by the Water Quality Control Board and will be accomplished in accordance with Section 69-3-105(a)(1) of the Tennessee Water Quality Control Act and through the appropriate rulemaking process.

In surface waters designated by the Water Quality Control Board as ONRWs, no new discharges, expansions of existing discharges, or mixing zones will be permitted unless such activity will not result in degradation of the water quality. Existing water quality will be the criteria in these waters. Existing discharges, including existing upstream discharges, will be allowed at present levels. Physical alterations that cause degradation to the ONRW will not be allowed.

An assessment of environmental, economic, and social impacts will be prepared for each stream or stream segment proposed for Tier 3 ONRW designation. The assessment content and process will be determined by the Division of Water Pollution Control but will contain sufficient data and information to inform the Water Quality Control Board about environmental, economic, and social impact of ONRW designation. Further, the process will provide for comprehensive public participation with a solicitation of position statements from appropriate local government agencies including but not limited to county and municpal governments, Soil Conservation Districts, Utility Districts, as well as other local, state, and federal agencies that may have a responsibility for land and water resource management within the watershed of the proposed stream segment.

The following streams or portions of streams are designated as ONRW

	Waterbody	Portion designated as ONRW
1.	Little River	Portion within Great Smoky Mountains National Park.
2.	Abrams Creek	Portion within Great Smoky Mountains National Park
3.	West Prong Little Pigeon River	Portion within Great Smoky Mountains National Park

(Rule 1200-4-3-.06, continued)

4.	Little Pigeon River	From the headwaters within Great Smoky Mountains National Park to the downstream boundary of Pittman Center.
5.	Big South Fork Cumberland River	Portion within Big South Fork National River and Recreation Area.
6.	Reelfoot Lake	Tennessee portion of the lake and its associated wetlands.

The portion of the Obed River that is designated as a federal wild and scenic river as of June 22, 1999 is designated as tier 3; provided however, that if the current search for a regional water supply by the Cumberland Plateau Regional Water Authority results in a determination that it is necessary to utilize the Obed River as its source of drinking water, for that purpose the Obed River shall be designated tier 2 and any permit issued for that project, whether state, federal or otherwise, shall be considered under the requirements for tier 2.

Tier 3 ONRW designation for the Conasauga River within the boundaries of the Cherokee National Forest will be considered following preparation of an environmental, economic and social assessment of the public lands involved.

The division will present an interim report to the board regarding the scoping on the social and economic assessment of the Conasauga River and the water supply studies related to the Obed River at the April 1998 board meeting. Final report in order for decision on these two rivers will be presented in the October 1998 WQCB meeting.

(4) In other surface waters identified by the Department as Tier II high quality waters in accordance with 1200-4-3-.06(2), no degradation will be allowed unless and until it is affirmatively demonstrated to the Water Quality Control Board, after full satisfaction of the intergovernmental coordination and public participation provisions of the State's continuing planning process, that a change is justifiable as a result of necessary economic or social development and will not interfere with or become injurious to any classified uses existing in such waters. Existing discharges, including existing upstream discharges, will be allowed at present levels. Regulated nonpoint sources will be controlled to the extent possible under the Water Quality Control Act and standards. Nonpoint sources exempted from permit requirements under the Water Quality Control Act should utilize all cost-effective and reasonable best management practices.

(5) All discharges of municipal sewage, industrial waste, or other wastes shall receive the greatest degree of effluent reduction which the Commissioner of the Tennessee Department of Environment and Conservation determines to be achievable through application of stringent effluent limitations and schedules of compliance either promulgated by the Water Quality Control Board; required to implement any applicable water quality standards, including where practicable, a standard permitting no discharge of pollutants; necessary to comply with a State Water Quality Plan; or necessary to comply with other State or Federal laws or regulations.

(6) In implementing the provisions of these rules as they relate to interstate streams, the Commissioner of the Tennessee Department of Environment and Conservation and the Tennessee Water Quality Control Board will cooperate with the appropriate Federal Agency in order to assist in carrying out responsibilities under the Federal Water Pollution Control Act, as amended.

Authority: T.C.A. §§4-5-201, et seq., and 69-3-105.

RULEMAKING HEARING RULES OF WATER QUALITY CONTROL BOARD
TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
AMENDMENTS

CHAPTER 1200-4-4
USE CLASSIFICATIONS FOR SURFACE WATERS

Rule 1200-4-4- is amended by deleting it in its entirety and replacing it with the following:

TABLE OF CONTENTS

1200-4-4-.02 Hatchie River Basin

STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
Mississippi River	Mile 741.0 to 820.0	X	X	X	X	X	X	X		
Hatchie River	Mile 0.0 to Mile 129.0	X	X	X	X	X	X			
Town Creek	Mile 0.0 to Origin			X	X	X	X			
Cane Creek	Mile 0.0 to 14.4			X	X	X	X			
Cane Creek	Mile 14.4 to 15.4			X	X	X	X			
Cane Creek	Mile 15.4 to Origin			X	X	X	X			
Alston Creek	Mile 0.0 to 3.6			X	X	X	X			
Alston Creek	Mile 3.6 to Origin			X	X	X	X			
Big Muddy Canal	Mile 0.0 to Origin			X	X	X	X			
Unnamed Trib. to Mile 3.1 of Big Muddy Canal	Mile 0.0 to 1.6			X	X	X	X			
Unnamed Trib. to Mile 3.1 of Big Muddy Canal	Mile 1.6 to Origin			X	X	X	X			
Sugar Creek	Mile 0.0 to 4.7			X	X	X	X			
Sugar Creek	Mile 4.7 to 5.7			X	X	X	X			
Sugar Creek	Mile 5.7 to Origin			X	X	X	X			
Mill Creek	Mile 0.0 to 2.0			X	X	X	X			
Pugh Creek South	Mile 0.0 to 0.8			X	X	X	X			
Pugh Creek South	Mile 0.8 to Origin			X	X	X	X			
Mill Creek	Mile 2.0 to Origin			X	X	X	X			
Hatchie River	Mile 129.0 to Mile 131.0		X	X	X	X	X			
Hatchie River	Mile 131.0 to Miss-Tenn State Line (Mile 188.5)	X	X	X	X	X	X			
Spring Creek	Mile 0.0 to 1.5			X	X	X	X			
Spring Creek	Mile 1.5 to Origin			X	X	X	X			
Cypress Creek	Mile 0.0 to 5.3			X	X	X	X			
Cypress Creek	Mile 5.3 to 6.3			X	X	X	X			
Cypress Creek	Mile 6.3 to Origin			X	X	X	X			
Tuscumbia River	Mile 0.0 to Miss-Tenn State Line (Mile 10.5)	X		X	X	X	X			
Cypress Creek	Mile 0.0 to 14.2			X	X	X	X			
Cypress Creek	Mile 14.2 to 15.2			X	X	X	X			
Cypress Creek	Mile 15.2 to Origin			X	X	X	X			
All other surface waters named and unnamed in the Hatchie Basin, with the exception of wet weather conveyances, which have not been specifically noted shall be classified				X	X	X	X			

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Rulemaking Hearing Rules Of Water Quality Control Board
Tennessee Department Of Environment And Conservation
Amendments

Chapter 1200-4-4
Use Classifications For Surface Waters

Rule 1200-4-4 is amended by deleting it in its entirety and replacing it with the following:

1200-4-4-.01 Memphis Area Basin

STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
Mississippi River	Mississippi-Tennessee State Line (Mile 714.0) to Upstream End of Loosahatchie Bar (Mile 741.0)		X	X	X	X	X	X		
McKellar Lake	Mouth on Mississippi R. to Origin		X	X	X			X		
Nonconnah Creek	Mile 0.0 to 16.2 (Winchester Rd.)			X	X	X	X			
Nonconnah Creek	Mile 16.2 to Origin			X	X	X	X			
Wolf River	Mile 0.0 to 6.7 (L & N Railroad Bridge)			X	X	X	X			
Wolf River	Mile 6.7 to Miss.-TN State Line (Mile 77.0)	X	X	X	X	X	X			
Loosahatchie River	Mile 0.0 to 20.9 (Austin Peay Hwy Bridge)			X	X	X	X			
Big Creek	Mile 0.0 to 4.2			X	X	X	X			
Big Creek	Mile 4.2 to 12.7			X	X	X	X			
North Fork Creek	Mile 0.0 to Origin			X	X	X	X			
Big Creek	Mile 12.7 to Origin			X	X	X	X			
Crooked Creek	Mile 0.0 to Origin			X	X	X	X			
Trib. to Mile 3.0 of Crooked Creek	Mile 0.0 to 2.3			X	X	X	X			
Trib. to Mile 3.0 of Crooked Creek	Mile 2.3 to Origin			X	X	X	X			
Loosahatchie River	Mile 20.9 (Austin Peay Hwy) to 30.7			X	X	X	X			
Clear Creek Canal	Mile 0.0 to 1.6			X	X	X	X			
Clear Creek Canal	Mile 1.6 to Origin at Mile 2.6 (Confluence of Hall Creek and Cypress Creek Canal)			X	X	X	X			
Cypress Creek Canal	Mile 0.0 to Origin			X	X	X	X			
Loosahatchie River	Mile 30.7 to 45.5			X	X	X	X			
Middle Beaver Creek	Mile 0.0 to Origin			X	X	X	X			
West Beaver Creek	Mile 0.0 to Origin			X	X	X	X			
East Beaver Creek	Mile 0.0 to 3.8			X	X	X	X			
East Beaver Creek	Mile 3.8 to 6.8			X	X	X	X			
East Beaver Creek	Mile 6.8 to Origin			X	X	X	X			
Little Cypress Creek Canal	Mile 0.0 to 1.2			X	X	X	X			
Little Cypress Creek Canal	Mile 1.2 to Origin			X	X	X	X			
Loosahatchie River	Mile 45.5 to 50.2			X	X	X	X			
Davis Creek	Mile 0.0 to Origin			X	X	X	X			
Town Branch	Mile 0.0 to 1.6			X	X	X	X			
Town Branch	Mile 1.6 to Origin			X	X	X	X			
Loosahatchie River	Mile 50.2 to Origin			X	X	X	X			
All other surface waters named and unnamed in the Memphis Area Basin, with the exception of wet weather conveyances, which have not been specifically noted shall be classified				X	X	X	X			

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1200-4-4-.03 Obion-Forked Deer Basin

STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
Mississippi River	Mile 820.0 to Mile 905.0 (Kentucky State Line)	X	X	X	X	X	X	X		
Obion River	Mile 0.0 to Confluence of North and South Fork Obion River (Mile 71.8)			X	X	X	X			
Running Reelfoot Bayou	Mile 0.0 to Reelfoot Lake Spillway			X	X	X	X			
Reelfoot Lake	Entirety			X	X	X	X			
Biffle Creek	Mile 0.0 to 6.3			X	X	X	X			
Biffle Creek	Mile 6.3 to 7.3			X	X	X	X			
Biffle Creek	Mile 7.3 to Origin			X	X	X	X			
Reeds Creek	Mile 0.0 to Origin			X	X	X	X			
Cool Springs Branch	Mile 0.0 to 2.1			X	X	X	X			
Cool Springs Branch	Mile 2.1 to Origin			X	X	X	X			
North Fork Obion River	Mile 0.0 to 6.2			X	X	X	X			
North Fork Obion River	Mile 6.2 to 8.2			X	X	X	X			
Hoosier Creek	Mile 0.0 to Origin			X	X	X	X			
First Creek	Mile 0.0 to Origin			X	X	X	X			
North Fork Obion River	Mile 8.2 to Origin			X	X	X	X			
Grove Creek	Mile 0.0 to Origin			X	X	X	X			
Harris Fork Creek	Mile 0.0 to 8.6			X	X	X	X			
Harris Fork Creek	Mile 8.6 to Kentucky-Tennessee State Line			X	X	X	X			
Walnut Fork Creek	Mile 0.0 to Origin			X	X	X	X			
Trib. to Mile 3.8 of Walnut Fork Creek	Mile 0.0 to Origin			X	X	X	X			
South Fork Obion River	Mile 0.0 to 38.9 (Formed at Confluence of Beaver Creek and Crooked Creek)			X	X	X	X			
Mud Creek	Mile 0.0 to 18.6			X	X	X	X			
Cane Creek	Mile 0.0 to 9.0			X	X	X	X			
Cane Creek	Mile 9.0 to 11.0			X	X	X	X			
Trib. to Mile 9.8 of Cane Creek	Mile 0.0 to 0.3			X	X	X	X			
Trib. to Mile 9.8 of Cane Creek	Mile 0.3 to Origin			X	X	X	X			
Trib. to Mile 11.0 of Cane Creek	Mile 0.0 to 0.8			X	X	X	X			
Trib. to Mile 11.0 of Cane Creek	Mile 0.8 to Origin			X	X	X	X			
Cane Creek	Mile 11.0 to Origin			X	X	X	X			
Mud Creek	Mile 18.6 to 19.6			X	X	X	X			
Brassfield Creek	Mile 0.0 to Origin			X	X	X	X			
Trib. to Mile 0.5 of Brassfield Creek	Mile 0.0 to Origin			X	X	X	X			
Mud Creek	Mile 19.6 to Origin			X	X	X	X			
Rutherford Fork	Mile 0.0 to Origin			X	X	X	X			
Carroll Creek	Mile 0.0 to 0.4			X	X	X	X			
Carroll Creek	Mile 0.4 to Origin			X	X	X	X			
Wolf Creek	Mile 0.0 to 1.8			X	X	X	X			
Wolf Creek	Mile 1.8 to Origin			X	X	X	X			
E. Fork Wolf Creek	Mile 0.0 to Origin			X	X	X	X			
Trib. to Mile 27.7 of Rutherford Fork	Mile 0.0 to Origin			X	X	X	X			

1200-4-4-.03 Obion-Forked Deer Basin (cont.)

STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
Middle Fork Obion River	Mile 0.0 to Origin			X	X	X	X			
Buckor Ditch	Mile 0.0 to 3.2			X	X	X	X			
Buckor Ditch	Mile 3.2 to Origin			X	X	X	X			
Spring Creek	Mile 0.0 to Origin			X	X	X	X			
Pritchett Branch	Mile 0.0 to Origin			X	X	X	X			
Bradford Creek	Mile 0.0 to 2.0			X	X	X	X			
Bradford Creek	Mile 2.0 to Origin			X	X	X	X			
Reedy Creek	Mile 0.0 to Origin			X	X	X	X			
Lick Creek	Mile 0.0 to 2.5			X	X	X	X			
Lick Creek	Mile 2.5 to Origin			X	X	X	X			
Clear Creek	Mile 0.0 to Origin			X	X	X	X			
Beaver Creek	Mile 0.0 to 4.3		X	X	X	X	X			
Beaver Creek	Mile 4.3 to 6.3		X	X	X	X	X			
Beaver Creek	Mile 6.3 to Origin		X	X	X	X	X			
Crooked Creek	Mile 0.0 to Origin		X	X	X	X	X			
Guins Creek	Mile 0.0 to Origin		X	X	X	X	X			
Trib. to Mile 9.7 of Guins Creek	Mile 0.0 to Origin			X	X	X	X			
Forked Deer River	Mouth at Obion River Mile 3.3 to Mile 20.3 at Confluence of North and South Fork			X	X	X	X	X		
South Fork Forked Deer	Mile 0.0 to 48.8			X	X	X	X	X		
Nixon Creek	Mile 0.0 to Origin			X	X	X	X			
Little Nixon Creek	Mile 0.0 to 3.1			X	X	X	X			
Little Nixon Creek	Mile 3.1 to 4.1			X	X	X	X			
Little Nixon Creek	Mile 4.1 to Origin			X	X	X	X			
Old Channel Forked Deer-Trib. at Mile 35.8	Mile 0.0 to Origin			X	X	X	X			
South Fork Forked Deer River	Mile 48.8 to 50.8			X	X	X	X	X		
South Fork Forked Deer River	Mile 50.8 to 70.3			X	X	X	X	X		
North Fork of South Fork Forked Deer River	Mile 0.0 to Origin			X	X	X	X			
Johnson Creek	Mile 0.0 to Origin			X	X	X	X			
Anderson Branch	Mile 0.0 to Origin			X	X	X	X			
Turkey Creek	Mile 0.0 to 1.2			X	X	X	X			
Trib. to Mile 1.0 of Turkey Creek	Mile 0.0 to 2.0			X	X	X	X			
Trib. to Mile 1.0 of Turkey Creek	Mile 2.0 to Origin			X	X	X	X			
Turkey Creek	Mile 1.2 to Origin			X	X	X	X			
South Fork Forked Deer River	Mile 70.3 to 72.3			X	X	X	X			
South Fork Forked Deer River	Mile 72.3 to Origin			X	X	X	X			
Sugar Creek	Mile 0.0 to 1.2			X	X	X	X			
Sugar Creek	Mile 1.2 to Origin			X	X	X	X			
North Fork Forked Deer River	Mile 0.0 to 3.8			X	X	X	X	X		
North Fork Forked Deer River	Mile 3.8 to 5.8			X	X	X	X	X		
North Fork Forked Deer River	Mile 5.8 to 33.9			X	X	X	X			
Middle Fork Forked Deer River	Mile 0.0 to Origin			X	X	X	X			
Mosquito Creek	Mile 0.0 to 0.8			X	X	X	X			
Mosquito Creek	Mile 0.8 to Origin			X	X	X	X			

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1200-4-4-.03 Obion-Forked Deer Basin (cont.)

STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
Moize Creek	Mile 0.0 to Origin			X	X	X	X			
Dyer Creek	Mile 0.0 to Origin			X	X	X	X			
North Mud Creek	Mile 0.0 to Origin			X	X	X	X			
Cow Creek	Mile 0.0 to Origin			X	X	X	X			
Sand Creek	Mile 0.0 to 1.6			X	X	X	X			
Sand Creek	Mile 1.6 to Origin			X	X	X	X			
North Fork Forked Deer River	Mile 33.9 to 35.9			X	X	X	X			
North Fork Forked Deer River	Mile 35.9 to Origin			X	X	X	X			
Trib. to Mile 857.5 of Mississippi River	Mile 0.0 to 2.6			X	X	X	X			
Trib. to Mile 857.5 of Mississippi River	Mile 2.6 to 3.6			X	X	X	X			
Trib. to Mile 857.5 of Mississippi River	Mile 3.6 to Origin			X	X	X	X			
Harris Ditch	Mile 0.0 to 1.0			X	X	X	X			
Harris Ditch	Mile 1.0 to Origin			X	X	X	X			
All other surface waters named and unnamed in the Obion-Forked Deer Basin, with the exception of wet weather conveyances, which have not been specifically noted shall be classified				X	X	X	X			

1200-4-4-.04 Tennessee River Basin - Western Valley

STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
Tennessee River	Mile 49.1 (Tenn-Ky Line) to 215.1 (Tn-Miss Line)	X	X	X	X	X	X	X		
Big Sandy River	Mile 0.0 to 15.1		X	X	X	X	X	X		
Big Sandy River	Mile 15.1 to Origin		X	X	X	X	X			
West Sandy Creek	Mile 0.0 to Origin			X	X	X	X			
Holly Fork Creek	Mile 0.0 to Origin			X	X	X	X			
Bailey Fork Creek	Mile 0.0 to Origin			X	X	X	X			
Town Creek	Mile 0.0 to 2.6			X	X	X	X			
Town Creek	Mile 2.6 to Origin			X	X	X	X			
Big Beaver Creek	Mile 0.0 to Origin			X	X	X	X			
Little Beaver Creek	Mile 0.0 to Origin			X	X	X	X			
Hurricane Creek	Mile 0.0 to Origin			X	X	X	X			
S. Fk Hurricane Cr	Mile 0.0 to Origin			X	X	X	X			
Beaverdam Creek	First bridge above mouth to origin.			X	X	X	X		X	
Cane Creek	Mile 0.0 to Origin			X	X	X	X			
Cane Creek	Mile 10.0 to 10.8			X	X	X	X			
Cane Creek	Mile 10.8 to Origin			X	X	X	X			
Trace Creek	Mile 0.0 to 7.2			X	X	X	X			
Trace Creek	Mile 7.2 to 8.2			X	X	X	X			
Trace Creek	Mile 8.2 to Origin			X	X	X	X			
Cypress Creek	Mile 0.0 to Origin			X	X	X	X			
Cane Creek	Mile 0.0 to 0.5			X	X	X	X			

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Cane Creek	Mile 0.5 to Origin	X	X	X	X
North Indian Creek	Mile 0.0 to 1.0	X	X	X	X

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1200-4-4-.04 Tennessee River Basin - Western Valley (cont.)

STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
North Indian Creek	Mile 1.0 to 1.8			X	X	X	X			
North Indian Creek	Mile 1.8 to Origin			X	X	X	X			
Birdsong Creek	Mile 0.0 to Origin			X	X	X	X			
Wolf Creek	Mile 0.0 to Origin			X	X	X	X			
Eagle Creek	Mile 0.0 to Origin			X	X	X	X			
Morgan Creek	Mile 0.0 to Origin			X	X	X	X			
Beech River	Mile 0.0 to 7.2	X	X	X	X	X	X	X		
Beech River	Mile 7.2 to 27.4	X	X	X	X	X	X			
Beech River	Mile 27.4 to 30.4		X	X	X	X	X			
Beech River	Mile 30.4 to Origin	X	X	X	X	X	X			
Rushing Creek	Mile 0.0 to 4.5			X	X	X	X			
Rushing Creek	Mile 4.5 to 5.5			X	X	X	X			
Rushing Creek	Mile 5.5 to Origin			X	X	X	X			
Harmon Creek	Mile 0.0 to Origin			X	X	X	X			
Bear Creek	Mile 0.0 to 2.3			X	X	X	X			
Bear Creek	Mile 2.3 to 3.3			X	X	X	X			
Bear Creek	Mile 3.3 to Origin			X	X	X	X			
Wolf Creek	Mile 0.0 to Origin			X	X	X	X			
Doe Creek	Mile 0.0 to Origin			X	X	X	X			
East Prong Doe Creek	Mile 0.0 to Origin			X	X	X	X			
White Oak Creek	Mile 0.0 to Origin			X	X	X	X			
Little Hurricane Creek	Mile 0.0 to Origin			X	X	X	X			
Horse Creek	Mile 0.0 to 6.8			X	X	X	X			
Horse Creek	Mile 6.8 to 7.8			X	X	X	X			
Horse Creek	Mile 7.8 to Origin			X	X	X	X			
Beason Creek	Mile 0.0 to Origin			X	X	X	X			
South Fork Beason Cr	Mile 0.0 to Origin			X	X	X	X			
Dollar Creek	Mile 0.0 to 1.5			X	X	X	X			
Dollar Creek	Mile 1.5 to Origin			X	X	X	X			
Beech Creek	Mile 0.0 to Origin			X	X	X	X			
Leatherwood Creek	First bridge to origin			X	X	X	X		X	
E. Fk Leatherwood Cr	Mile 0.0 to second tributary			X	X	X	X		X	
N. Fk Leatherwood Cr	Mile 0.0 to second tributary			X	X	X	X		X	
Town Branch	Mile 0.0 to Origin			X	X	X	X			
Chambers Creek	Mile 0.0 to Origin			X	X	X	X			
All other surface waters named and unnamed in the Western Valley Tennessee River Basin, with the exception of wet weather conveyances, which have not been specifically noted shall be classified				X	X	X	X			

1200-4-4-.05 Duck River Basin

STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
Duck River	Mile 0.0 to 67.0	X	X	X	X	X	X			
Blue Creek	Mile 0.0 to 14.0	X	X	X	X	X	X			
Blue Creek	Mile 14.0 to 16.2		X	X	X	X	X			
Blue Creek	Mile 16.2 to Origin			X	X	X	X			

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1200-4-4-.05 Duck River Basin (con't)

STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
Buffalo River	Mile 0.0 to 24.0	X	X	X	X	X	X			
Cane Creek	Hickman Co. line to Lewis Co. line			X	X	X	X		X	
Buffalo River	Mile 24.0 to 26.0		X	X	X	X	X			
Buffalo River	Mile 26.0 to 38.0	X	X	X	X	X	X			
Hurricane Creek	Mile 0.0 to Origin			X	X	X	X			X
Sinking Creek	Mile 0.0 to Origin			X	X	X	X		X	
Buffalo River	Mile 38.0 to 41.1		X	X	X	X	X			
Buffalo River	Mile 41.1 to Origin	X	X	X	X	X	X			
Green River	Mile 0.0 to 9.0	X	X	X	X	X	X			
Green River	Mile 9.0 to 11.7		X	X	X	X	X			
Green River	Mile 11.7 to Origin	X	X	X	X	X	X			
Rockhouse Creek	Mile 0.0 to 6.0	X	X	X	X	X	X			
Rockhouse Creek	Mile 6.0 to 9.5		X	X	X	X	X			
Rockhouse Creek	Mile 9.5 to Origin	X	X	X	X	X	X			
Little Buffalo River	Mile 0.0 to Origin			X	X	X	X		X	
Hurricane Creek	Mile 0.0 to Origin			X	X	X	X		X	
Beaverdam Creek	Highway 100 to Sulfur Fork Cr			X	X	X	X			X
Sulfur Fork Creek	Mile 0.0 to Origin			X	X	X	X			X
Piney River	Mile 0.0 to Origin	X	X	X	X	X	X			X
Mill Creek	Mile 0.0 to Origin	X		X	X	X	X		X	
Little Spring Creek	Mile 0.0 to Origin			X	X	X	X		X	
Big Spring Creek	Mile 0.0 to Origin			X	X	X	X			X
Garner Creek	Mile 0.0 to Origin			X	X	X	X		X	
Bear Creek	Mile 0.0 to Origin			X	X	X	X			X
East Piney River	Mile 0.0 to 4.0	X	X	X	X	X	X			
East Piney River	Mile 4.0 to 6.1		X	X	X	X	X			
East Piney River	Mile 6.1 to Origin	X	X	X	X	X	X			
Defeated Camp Creek	Mile 0.0 to 1.2		X	X	X	X	X			
Defeated Camp Creek	Mile 1.2 to 4.4		X	X	X	X	X			
Defeated Camp Creek	Mile 4.4 to Origin			X	X	X	X			
Defeated Branch	Mile 0.0 to Origin			X	X	X	X			
Duck River	Mile 67.0 to 71.5		X	X	X	X	X			
Duck River	Mile 71.5 to 123.2	X	X	X	X	X	X			
Big Swan Creek	Mile 0.0 to Origin	X	X	X	X	X	X			
Little Swan Creek	Mile 0.0 to Origin			X	X	X	X		X	
Cathey's Creek	Mile 0.0 to Origin	X	X	X	X	X	X			
Big Bigby Creek	Mile 0.0 to Origin	X	X	X	X	X	X			
Sugar Fork	Mile 0.0 to 1.9	X	X	X	X	X	X			
Sugar Fork	Mile 1.9 to 2.9		X	X	X	X	X			
Sugar Creek	Mile 0.0 to 0.7		X	X	X	X	X			
Sugar Creek	Mile 0.7 to Origin	X	X	X	X	X	X			
Quality Creek	Mile 0.0 to Origin	X	X	X	X	X	X			
Duck River	Mile 123.2 to 127.2		X	X	X	X	X			
Little Bigby Creek	Mile 0.0 to Origin	X	X	X	X	X	X			
Rutherford Creek	Mile 0.0 to Origin	X	X	X	X	X	X			
Duck River	Mile 127.2 to 217.0	X	X	X	X	X	X			
Big Rock Creek	Mile 0.0 to 14.0	X	X	X	X	X	X			
Big Rock Creek	Mile 14.0 to 16.9		X	X	X	X	X			
Big Rock Creek	Mile 16.9 to Origin	X	X	X	X	X	X			
Duck River	Mile 217.0 to 221.3		X	X	X	X	X			
Duck River	Mile 221.3 to 244.0	X	X	X	X	X	X			
Duck River	Mile 244.0 to 248.6 (Normandy Dam)	X		X	X	X	X		X	

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1200-4-4-.05 Duck River Basin (con't)

STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
Duck River	Mile 248.6 to 266.5	X	X	X	X	X	X			
Garrison Fork Creek	Mile 0.0 to 2.7	X	X	X	X	X	X			
Garrison Fork Creek	Mile 2.7 to 3.3		X	X	X	X	X			
Garrison Fork Creek	Mile 3.3 to Origin	X	X	X	X	X	X			
Duck River	Mile 266.5 to 268.5		X	X	X	X	X			
Duck River	Mile 268.5 to Origin	X	X	X	X	X	X			
Little Duck River	Mile 0.0 to Origin	X	X	X	X	X	X			
All other surface waters named and unnamed in the Duck River Basin, with the exception of wet weather conveyances, which have not been specifically noted shall be classified				X	X	X	X			

1200-4-4-.06 Elk River Basin (Including Shoal Creek)

STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
Shoal Creek	Tenn-Ala State Line (Mile 20.6) to Origin	X	X	X	X	X	X			
Clack Branch	Mile 0.0 to Origin		X	X	X	X	X			
Loretto Branch	Mile 0.0 to Origin		X	X	X	X	X			
Little Shoal Creek	Mile 0.0 to Origin		X	X	X	X	X			
Shoal Creek	Mile 56.9 to Origin (Jct of B. Dry Br & Beeler Fk)		X	X	X	X	X		X	
Factory Creek	Mile 0.0 to Origin	X		X	X	X	X		X	
Chisholm Creek	Mile 0.0 to Origin			X	X	X	X		X	
Crowson Creek	Mile 0.0 to Origin			X	X	X	X			X
Elk River	Tenn-Ala State Line (Mile 33.6) to 36.3	X	X	X	X	X	X	X		
Elk River	Mile 36.3 to 90.5	X	X	X	X	X	X			
Richland Creek	Mile 0.0 to 20.0		X	X	X	X	X			
Buchanan Creek	Mile 0.0 to Origin			X	X	X	X			
Richland Creek	Mile 20.0 to 23.3			X	X		X			
Richland Creek	Mile 23.3 to Origin	X	X	X	X	X	X			
Pigeon Roost Creek	Mile 0.0 to Origin		X	X	X	X	X			
Robertson Fork	Mile 0.0 to Origin		X	X	X	X	X			
Town Creek	Mile 0.0 to Origin		X	X	X	X	X			
Holland Creek	Mile 0.0 to Origin		X	X	X	X	X			
Elk River	Mile 90.5 to 133.3 (Tims Ford Dam)	X	X	X	X	X	X		X	
Mulberry Creek	Mile 0.0 to Origin		X	X	X	X	X			
East Fork Mulberry Cr.	Mile 0.0 to 9.0		X	X	X	X	X			
East Fork Mulberry Cr.	Mile 9.0 to 11.1		X	X	X	X	X			
East Fork Mulberry Cr.	Mile 11.1 to Origin	X	X	X	X	X	X			
Spring Branch	Mile 0.0 to Origin	X	X	X	X	X	X			
Elk River	Mile 133.3 to Origin	X	X	X	X	X	X			
Beans Creek	Mile 0.0 to Origin		X	X	X	X	X			
Factory Branch	Mile 0.0 to Origin		X	X	X	X	X			
Mathias Branch	Mile 0.0 to Origin		X	X	X	X	X			
Hurricane Creek	Mile 0.0 to 11.0		X	X	X	X	X			
Hurricane Creek	Mile 11.0 to 13.0 (Origin)		X	X	X	X	X			
Boiling Fork Creek	Mile 0.0 to 11.0	X	X	X	X	X	X			
Wagner Creek	Mile 0.0 to 1.5	X	X	X	X	X	X			

1200-4-4-.06 Elk River Basin (Including Shoal Creek)

STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
Wagner Creek	Mile 1.5 to 2.4		X	X	X	X	X			
Wagner Creek	Mile 2.4 to Origin		X	X	X	X	X			
Boiling Fork Creek	Mile 11.0 to 13.1		X	X	X	X	X			
Boiling Fork Creek	Mile 13.1 to Origin		X	X	X	X	X			
Rock Creek	Mile 0.0 to 6.0		X	X	X	X	X			
Rock Creek	Mile 6.0 to 10.8		X	X	X	X	X			
Rock Creek	Mile 10.8 to Origin		X	X	X	X	X			
Rollins Creek	Mile 0.0 to 2.5	X	X	X	X	X	X			
Rollins Creek	Mile 2.5 to Origin			X	X	X	X			
Mud Creek	Mile 0.0 to 6.0		X	X	X	X	X			
Mud Creek	Mile 6.0 to 8.1 (Origin)		X	X	X	X	X			
Caldwell Creek	Mile 0.0 to Origin		X	X	X	X	X			
All other surface waters named and unnamed in the Elk River Basin, with the exception of wet weather conveyances, which have not been specifically noted shall be classified				X	X	X	X			

1200-4-4-.07 Lower Tennessee River Basin (Including Conasauga Basin)

STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
Tennessee River	Tenn-Ala State Line (Mile 416.5) to the POT Light (Mile 448.0)	X	X	X	X	X	X	X		
Unnamed Tributary	At Tenn. R Mile 417.5; Mile 0.0 to Origin			X	X	X	X			
Battle Creek	Mile 0.0 to 17.3 (Martin Spring)	X	X	X	X	X	X		X	
Swedens Creek	Mile 0.0 to Origin			X	X	X	X		X	
Big Fiery Gizzard	Mile 0.0 to 4.5			X	X	X	X			
Little Fiery Gizzard	Mile 0.0 to Origin			X	X	X	X			
Unnamed Trib.	At Little Fiery Gizzard Mile 0.6; Mile 0.0 to Origin			X	X	X	X			
Big Fiery Gizzard	Mile 4.5 to 5.5			X	X	X	X		X	
Big Fiery Gizzard	Mile 5.5 to Origin			X	X	X	X			
Battle Creek	Mile 17.3 to Origin	X	X	X	X	X	X			
Sequatchie River	Mile 0.0 to 3.5	X	X	X	X	X	X	X		
Sequatchie River	Mile 3.5 to 41.0	X	X	X	X	X	X			
Little Sequatchie River	Mile 0.0 to confluence of Sawmill Creek			X	X	X	X			
Little Sequatchie River	Confluence of Sawmill Cr to confluence of Grays Cr			X	X	X	X		X	
Little Sequatchie River	Confluence of Grays Creek to Origin			X	X	X	X			
Pocket Creek	Mile 0.0 to Origin			X	X	X	X		X	
Clifty Creek	Mile 0.0 to Origin			X	X	X	X			
Sewanee Creek	Mile 0.0 to 4.0			X	X	X	X			
Sewanee Creek	Mile 4.0 to Origin	X		X	X	X	X			
Holywater Creek	Mile 0.0 to Origin	X		X	X	X	X			
Scott Creek	Mile 0.0 to Origin	X		X	X	X	X			
Coops Creek	Mile 0.0 to 0.8			X	X	X	X			
Coops Creek	Mile 0.8 to Origin			X	X	X	X			
Sequatchie River	Mile 41.0 to 43.9			X	X	X	X			
Sequatchie River	Mile 43.9 to 74.0	X	X	X	X	X	X			
Sequatchie River	Mile 74.0 to 78.4			X	X	X	X			
Sequatchie River	Mile 78.4 to 105.9	X	X	X	X	X	X			

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1200-4-4-.07 Lower Tennessee River Basin (Including Conasauga Basin) (Cont.)

STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
Sequatchie River	Mile 105.9 to 108.9	X	X	X	X	X	X		X	
Sequatchie River	108.8 to Origin			X	X	X	X			
Tennessee River	Mile 448.0 to 460.6 (Chattanooga Creek)		X	X	X	X	X	X		
Shoal Creek	Mile 0.0 to Origin			X	X	X	X			
Unnamed Tributary	At Tenn. River Mile 458.7; Mile 0.0 to Origin			X	X	X	X			
Lookout Creek	Mile 0.0 to Georgia-Tenn State Line		X	X	X	X	X			
Black Creek	Mile 0.0 to 1.6			X	X	X	X			
Black Creek	Mile 1.6 to Origin			X	X	X	X			
Chattanooga Creek	Mile 0.0 to Georgia-Tenn State Line		X	X	X	X	X			
Tennessee River	Mile 460.6 to 499.4 (Hiwassee)	X	X	X	X	X	X	X		
Citico Creek	Mile 0.0 to Origin			X	X	X	X			
South Chickamauga Creek	Mile 0.0 to Georgia-Tenn State Line		X	X	X	X	X			
Friar Branch	Mile 0.0 to Origin			X	X	X	X			
West Chickamauga Cr	Mile 0.0 to Georgia-Tenn State Line		X	X	X	X	X			
Spring Creek	Mile 0.0 to Georgia-Tenn State Line		X	X	X	X	X			
Mackey Branch	Mile 0.0 to Origin			X	X	X	X			
Ryall Springs Br.	Mile 0.0 to Origin			X	X	X	X			
Unnamed Tributary	At Tenn. River Mile 469.2; Mile 0.0 to 1.5			X	X	X	X			
Unnamed Tributary	Mile 1.5 to Origin			X	X	X	X			
North Chickamauga Creek	Mile 0.0 to 13.2			X	X	X	X			
Unnamed Tributary	At N. Chickamauga Cr Mile 0.7; Mile 0.0 to 0.3			X	X	X	X			
Unnamed Tributary	Mile 0.3 to Origin			X	X	X	X			
Unnamed Tributary	Mile 1.0 to Origin			X	X	X	X			
North Chickamauga Creek	Mile 13.2 to 15.0			X	X	X	X		X	
North Chickamauga Creek	Mile 15.0 to Origin			X	X	X	X			
Wolftever Creek	Mile 0.0 to Origin			X	X	X	X			
Sale Creek	Mile 0.0 to Origin			X	X	X	X			
Roaring Creek	Mile 0.0 to Origin			X	X	X	X			
Brush Creek	Mile 0.0 to 2.5			X	X	X	X			
Brush Creek	Mile 2.5 to Origin			X	X	X	X			
Hiwassee River	Mile 0.0 to 23.9	X	X	X	X	X	X	X		
Candies Creek	Mile 0.0 to 15.5			X	X	X	X			
Candies Creek	Mile 15.5 to 17.5			X	X	X	X			
Candies Creek	Mile 17.5 to Origin			X	X	X	X			
South Mouse Creek	Mile 0.0 to 20.0			X	X	X	X			
South Mouse Creek	Mile 20.0 to Origin			X	X	X	X			
Chatata Creek	Mile 0.0 to Origin			X	X	X	X			
Little Chatata Cr.	Mile 0.0 to Origin			X	X	X	X			
Chestuee Creek	Mile 0.0 to 40.0			X	X	X	X			
Chestuee Creek	Mile 40.0 to 42.4			X	X	X	X			
Chestuee Creek	Mile 42.4 to Origin			X	X	X	X			
Middle Creek	Mile 0.0 to 1.9			X	X	X	X			
Middle Creek	Mile 1.9 to Origin	X		X	X	X	X			
Ocoee River	Mile 0.0 to Benton Station Bridge	X	X	X	X	X	X		X	
Ocoee River	Benton Station Bridge to mile 17.0	X	X	X	X	X	X			
Sylco Creek	Mile 0.0 to Origin			X	X	X	X		X	
Dutch Creek	Mile 0.0 to Origin			X	X	X	X		X	
Greasy Creek	Mile 0.0 to Origin			X	X	X	X			
Rock Creek	Mile 0.0 to Origin			X	X	X	X		X	
Clear Creek	Mile 0.0 to Origin			X	X	X	X		X	
Ocoee River	Mile 17.0 to Ocoee #3 Powerhouse		X	X	X	X	X			
Caney Creek (East Fork)	Mile 0.0 to Origin			X	X	X	X		X	

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STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
Big Creek	Mile 0.0 to Origin			X	X	X	X			X
Goforth Creek	Mile 0.0 to Origin			X	X	X	X		X	
Ocoee River	Ocoee #3 Powerhouse to Rock Creek		X	X	X	X	X		X	
Rock Creek	Mile 0.0 to Origin			X	X	X	X		X	
Ocoee River	Rock Creek to mile 37.9 (GA-Tenn State Line)		X	X	X	X	X			
Rough Creek	Mile 0.0 to Origin			X	X	X	X			X
West Fork Rough Cr	Mile 0.0 to Origin			X	X	X	X			X
North Potato Creek	Mile 0.0 to North Carolina-Tenn State Line)			X	X	X	X			
Burra Burra Creek	Mile 0.0 to 1.5			X	X	X	X			
Brush Creek	Mile 0.0 to Origin	X	X	X	X	X	X			
Belcher Creek	Mile 0.0 to Origin			X	X	X	X			
Deweese Creek	Mile 0.0 to Origin	X		X	X	X	X			
Conasauga Creek	Mile 0.0 to Cog Hill Mill Dam			X	X	X	X		X	
Conasauga Creek	Cog Hill Mill Dam to Ruralville Mill			X	X	X	X			
Cane Creek	Mile 0.0 to 3.2			X	X	X	X			
Cane Creek	Mile 3.2 to Origin			X	X	X	X			
Unnamed Branch	Mile 0.0 to Origin			X	X	X	X			
Crockett Spring Cr.	Mile 0.0 to Origin			X	X	X	X			
Conasauga Creek	Ruralville Mill to Origin			X	X	X	X		X	
Gee Creek	Mile 0.0 to Origin			X	X	X	X			X
Spring Creek	Mile 0.0 to Origin			X	X	X	X			
Yellow Creek	Mile 0.0 to Origin			X	X	X	X		X	
Big Lost Creek	Mile 0.0 to Origin			X	X	X	X		X	
Little Lost Creek	Mile 0.0 to Origin			X	X	X	X		X	
Smith Creek	Mile 0.0 to Origin			X	X	X	X		X	
Wolf Creek	Mile 0.0 to Origin			X	X	X	X			X
Turtletown Creek	Mile 0.0 to N. Carolina Line			X	X	X	X		X	
Brushy Creek	Mile 0.0 to N. Carolina Line			X	X	X	X		X	
Coker Creek	Joe Brown Highway to Origin			X	X	X	X		X	
Hiwassee River	Mile 23.9 to 34.4	X	X	X	X	X	X	X		
North Mouse Creek	Mile 0.0 to 10.0	X	X	X	X	X	X			
Spring Creek	Mile 0.0 to 18.7		X	X	X	X	X			
Spring Creek	Mile 18.7 to Origin			X	X	X	X			
Dry Valley Creek	Mile 0.0 to 7.0			X	X	X	X			
Dry Valley Creek	Mile 7.0 to 9.5			X	X	X	X			
Dry Valley Creek	Mile 9.5 to Origin			X	X	X	X			
North Mouse Creek	Mile 10.0 to 30.1		X	X	X	X	X			
Little North Mouse Cr.	Mile 0.0 to 4.1			X	X	X	X			
Little North Mouse Cr.	Mile 4.1 to Origin			X	X	X	X			
North Mouse Creek	Mile 30.1 to Origin			X	X	X	X			
Oostanaula Creek	Mile 0.0 to 26.0	X	X	X	X	X	X			
Oostanaula Creek	Mile 26.0 to 28.0		X	X	X	X	X			
Oostanaula Creek	Mile 28.0 to 33.8		X	X	X	X	X			
Oostanaula Creek	Mile 33.8 to 37.5	X	X	X	X	X	X			
Oostanaula Creek	Mile 37.5 to Origin			X	X	X	X			
Hiwassee River	Mile 34.4 to 64.9 (North Carolina Line)	X	X	X	X	X	X		X	
All other surface waters named and unnamed in the Lower Tennessee River Basin, with the exception of wet weather conveyances, which have not been specifically noted shall be classified				X	X	X	X			

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STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
Tennessee River	Mile 499.4 (Hiwassee) to 567.8 (Clinch)	X	X	X	X	X	X	X		
Richland Creek	Mile 0.0 to Origin		X	X	X	X	X			
Little Richland Creek	Mile 0.0 to Origin		X	X	X	X	X			
Broyles Branch	Mile 0.0 to Origin		X	X	X	X	X			
Piney River	Mile 0.0 to 5.5		X	X	X	X	X	X		
Piney River	Mile 5.5 to 6.5 (U.S. Hwy. 27 Bridge)	X	X	X	X	X	X			
Piney River	Mile 6.5 to Origin		X	X	X	X	X			
Town Creek	Mile 0.0 to Origin		X	X	X	X	X			
Whites Creek	Mile 0.0 to 5.1			X	X	X	X	X		
White Creek	Mile 5.1 to Origin			X	X	X	X			
Black Creek	Mile 0.0 to 3.1			X	X	X	X			
Black Creek	Mile 3.1 to 5.1			X	X	X	X			
Black Creek	Mile 5.1 to Origin			X	X	X	X			
Caney Creek	Mile 0.0 to Origin			X	X	X	X			
Post Oak Creek	Mile 0.0 to Origin			X	X	X	X			
Cardiff Creek	Mile 0.0 to Origin			X	X	X	X			
Clear Creek	Mile 0.0 to 3.0			X	X	X	X		X	
Tennessee River	Mile 567.8 to 601.1	X	X	X	X	X	X	X		
Martin Branch	Mile 0.0 to 0.5			X	X	X	X			
Martin Branch	Mile 0.5 to 1.0			X	X	X	X			
Martin Branch	Mile 1.0 to Origin			X	X	X	X			
Stamp Creek	Mile 0.0 to Origin			X	X	X	X			
Greenbriar Branch	Mile 0.0 to 0.8			X	X	X	X			
Greenbriar Branch	Mile 0.8 to 1.0			X	X	X	X			
Greenbriar Branch	Mile 1.0 to Origin			X	X	X	X			
Hines Creek	Mile 0.0 to Origin			X	X	X	X			
Sweetwater Creek	Mile 0.0 to 9.4	X	X	X	X	X	X			
Bacon Creek	Mile 0.0 to Origin			X	X	X	X			
Sweetwater Creek	Mile 9.4 to 19.0			X	X	X	X			
Sweetwater Creek	Mile 19.0 to 21.0	X		X	X	X	X			
Sweetwater Creek	Mile 21.0 to Origin	X	X	X	X	X	X			
Unnamed Spring Branch	Mile 0.0 to 0.5			X	X	X	X			
Unnamed Spring Branch	Mile 0.5 to Origin			X	X	X	X			
Little Tennessee River	Mile 0.0 to 19.0	X	X	X	X	X	X	X		
Fork Creek	Mile 0.0 to Origin			X	X	X	X			
Unnamed Tributary	Mile 0.0 to 1.0			X	X	X	X			
Unnamed Tributary	Mile 1.0 to 1.2			X	X	X	X			
Unnamed Tributary	Mile 1.2 to Origin			X	X	X	X			
Bat Creek	Mile 0.0 to 16.2			X	X	X	X			
Bat Creek	Mile 16.2 to 16.4			X	X	X	X			
Bat Creek	Mile 16.4 to 19.2			X	X	X	X			
Bat Creek	Mile 19.2 to 19.7			X	X	X	X			
Bat Creek	Mile 19.7 to Origin			X	X	X	X			
Tellico River	Mile 0.0 to 5.0	X	X	X	X	X	X	X		
Tellico River	Mile 5.0 to 28.0	X	X	X	X	X	X			
Ballplay Creek	Upper 7 miles			X	X	X	X		X	
Cane Creek	Mile 0.0 to Origin			X	X	X	X		X	
Tellico River	Mile 28.0 to 41.0	X		X	X	X	X		X	
Wildcat Creek	Mile 0.0 to Origin			X	X	X	X		X	
Turkey Creek	Mile 0.0 to Origin			X	X	X	X		X	
Bald River	Mile 0.0 to Origin			X	X	X	X			X
Kirkland Creek	Mile 0.0 to Origin			X	X	X	X			X
Henderson Creek	Mile 0.0 to Origin			X	X	X	X			X
Barrett Branch	Mile 0.0 to Origin			X	X	X	X		X	

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Service Branch	Mile 0.0 to Origin			X	X	X	X		X	
Brookshire Branch	Mile 0.0 to Origin			X	X	X	X			X
North River	Mile 0.0 to Origin			X	X	X	X			X
Long Branch	Mile 0.0 to Origin			X	X	X	X		X	
Hemlock Branch	Mile 0.0 to Origin			X	X	X	X		X	
McNabb Creek	Mile 0.0 to Origin			X	X	X	X		X	
Laurel Branch	Mile 0.0 to Origin			X	X	X	X		X	
Big Cove Branch	Mile 0.0 to Origin			X	X	X	X			X
Round Mountain Br	Mile 0.0 to Origin					X	X	X	X	
X										
Service Tree Br	Mile 0.0 to Origin			X	X	X	X		X	
Sugar Cove Br	Mile 0.0 to Origin			X	X	X	X			X
Meadow Branch	Mile 0.0 to Origin			X	X	X	X			X
Roaring Br	Mile 0.0 to Origin			X	X	X	X			X
Indian Creek	Mile 0.0 to Origin			X	X	X	X			X
Panther Branch	Mile 0.0 to Origin			X	X	X	X		X	
Tellico River	Mile 41.0 to 50.0 (TN - NC Line)	X	X	X	X	X	X			X
Sycamore Creek	Mile 0.0 to Origin			X	X	X	X			X
Rough Ridge Creek	Mile 0.0 to Origin			X	X	X	X			X
Little Tennessee River	Mile 19.0 to 30.0	X	X	X	X	X	X	X	X	
Citico Creek	Mile 4.5 to 16.0			X	X	X	X		X	
Jakes Creek	Mile 0.0 to 3.0			X	X	X	X			X
Slide Hollow	Mile 0.0 to 2.0			X	X	X	X		X	
Little Citico Creek	Mile 0.0 to 3.5			X	X	X	X			X
Jake Best Creek	Mile 0.0 to Origin			X	X	X	X			X
Doublecamp Creek	Mile 0.0 to Origin			X	X	X	X			X
Mill Branch	Mile 0.0 to Origin			X	X	X	X		X	
Flint Branch	Mile 0.0 to Origin			X	X	X	X		X	
Crowder Branch	Mile 0.0 to Origin			X	X	X	X		X	
Citico Creek	Mile 16.0 to Origin			X	X	X	X			X
N. Fk Citico Creek	Mile 0.0 to Origin			X	X	X	X			X
Indian Valley Br	Mile 0.0 to Origin			X	X	X	X		X	
South Fork Citico Cr	Mile 0.0 to Origin			X	X	X	X			X
Ike Camp Branch	Mile 0.0 to Origin			X	X	X	X			X
Falls Branch	Mile 0.0 to Origin			X	X	X	X			X
Cochran Creek	Mile 0.0 to mile 2.0			X	X	X	X		X	
Abrams Creek	Mile 0.0 to Origin			X	X	X	X			X
Panther Creek	Mile 0.0 to Origin			X	X	X	X		X	
Mill Creek	Mile 0.0 to Origin			X	X	X	X		X	
Bell Cove Branch	Mile 0.0 to Origin			X	X	X	X		X	
Kingfisher Creek	Mile 0.0 to Origin			X	X	X	X		X	
Buckshank Branch	Mile 0.0 to Origin			X	X	X	X		X	
Rabbit Creek	Mile 0.0 to Origin			X	X	X	X		X	
Hannah Branch	Mile 0.0 to Origin			X	X	X	X		X	
Peckerwood Br	Mile 0.0 to Origin			X	X	X	X		X	
Wilson Branch	Mile 0.0 to Origin			X	X	X	X		X	
Stony Branch	Mile 0.0 to Origin			X	X	X	X		X	
Arbutus Branch	Mile 0.0 to Origin			X	X	X	X		X	
Mill Creek	Mile 0.0 to Origin			X	X	X	X			X
Forge Creek	Mile 0.0 to Origin			X	X	X	X			X
Coalen Ground Br	Mile 0.0 to Origin			X	X	X	X		X	
Bower Creek	Mile 0.0 to Origin			X	X	X	X		X	

Tipton Sugar Co	Mile 0.0 to Origin	X	X	X	X		X
Ekanneetlee Br	Mile 0.0 to Origin	X	X	X	X		X

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Tater Branch	Mile 0.0 to Origin			X	X	X	X		X	
McCaulley Branch	Mile 0.0 to Origin			X	X	X	X		X	
Rowans Branch	Mile 0.0 to Origin			X	X	X	X		X	
Anthony Creek	Mile 0.0 to Origin			X	X	X	X			X
Shop Creek	Mile 0.0 to Origin			X	X	X	X		X	
Tabcat Creek	Mile 0.0 to Origin			X	X	X	X		X	
Parson Branch	Mile 0.0 to Origin			X	X	X	X			X
Bible Creek	Mile 0.0 to Origin			X	X	X	X		X	
Slickrock Creek	Tennessee portion			X	X	X	X			X
Little Slickrock Cr	Mile 0.0 to Origin			X	X	X	X			X
Little Tennessee River	Mile 30.0 to 49.7 (TN.-N.C. Line)	X	X	X	X	X	X		X	
Morgan Branch	Mile 0.0 to 0.8			X	X	X	X			
Morgan Branch	Mile 0.8 to 1.0			X	X	X	X			
Morgan Branch	Mile 1.0 to Origin			X	X	X	X			
Abrams Branch	Mile 0.0 to Origin			X	X	X	X			
First Creek	Mile 0.0 to Origin	X	X	X	X	X	X			
Tennessee River	Mile 601.1 to 636.6 (Little River)	X	X	X	X	X	X	X		
Town Creek	Mile 0.0 to Origin			X	X	X	X			
Gallagher Creek	Mile 0.0 to 3.3			X	X	X	X			
Gallagher Creek	Mile 3.3 to 3.5			X	X	X	X			
Gallagher Creek	Mile 3.5 to Origin			X	X	X	X			
Turkey Creek	Mile 0.0 to Origin			X	X	X	X			
Sinking Creek #1	Mile 0.0 to Origin	X	X	X	X	X	X			
Ten Mile Creek	From Sink to Origin			X	X	X	X			
Sinking Creek #2	Mile 0.0 to 0.7			X	X	X	X			
Sinking Creek #2	Mile 0.7 to 0.8			X	X	X	X			
Unnamed Trib.	Mile 0.0 to 0.1			X	X	X	X			
Unnamed Trib.	Mile 0.1 to Origin			X	X	X	X			
Sinking Creek #2	Mile 0.8 to Origin			X	X	X	X			
Lackey Creek	Mile 0.0 to Origin			X	X	X	X			
Unnamed Branch	Mile 0.0 to 0.5			X	X	X	X			
Unnamed Branch	Mile 0.5 to 0.7			X	X	X	X			
Unnamed Branch	Mile 0.7 to Origin			X	X	X	X			
Little River	Mile 0.0 to 33.0	X	X	X	X	X	X			
Polecat Branch	Mile 0.0 to 0.7			X	X	X	X			
Polecat Branch	Mile 0.7 to 0.8			X	X	X	X			
Polecat Branch	Mile 0.8 to Origin			X	X	X	X			
Stock Creek	Mile 0.0 to 3.2			X	X	X	X			
Stock Creek	Mile 3.2 to 3.4			X	X	X	X			
Stock Creek	Mile 3.4 to Origin			X	X	X	X			
McCall Branch	Mile 0.0 to 1.3			X	X	X	X			
McCall Branch	Mile 1.3 to 1.5			X	X	X	X			
McCall Branch	Mile 1.5 to Origin			X	X	X	X			
Russell's Branch	Mile 0.0 to Origin			X	X	X	X			
Pistol Creek	Mile 0.0 to 0.1			X	X	X	X			
Pistol Creek	Mile 0.1 to 2.5			X	X	X	X			
Duncan Branch	Mile 0.0 to Origin			X	X	X	X			
Pistol Creek	Mile 2.5 to 6.6			X	X	X	X			
Culton Creek	Mile 0.0 to 0.4			X	X	X	X			
Tedford Br	Mile 0.0 to 0.4			X	X	X	X			
Tedford Br	Mile 0.4 to Origin			X	X	X	X			
Culton Creek	Mile 0.4 to Origin			X	X	X	X			
Pistol Creek	Mile 6.6 to 7.7			X	X	X	X			

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Pistol Creek	Mile 7.7 to 8.0			X	X	X	X			
Pistol Creek	Mile 8.0 to 11.4			X	X	X	X			
Pistol Creek	Mile 11.4 to Origin			X	X	X	X			
Hesse Creek	Upper 5 miles			X	X	X	X		X	
Cane Creek	Upper 2.0 miles			X	X	X	X		X	
Beard Cane Cr	Upper 1.5 miles			X	X	X	X		X	
Little River	Mile 33.0 to Origin	X		X	X	X	X			X
M. Pr. Little River	Mile 0.0 to Origin			X	X	X	X			X
W. Prong Little R.	Mile 0.0 to Origin			X	X	X	X		X	
Laurel Creek	Mile 0.0 to Origin			X	X	X	X		X	
Meadow Br	Mile 0.0 to Origin			X	X	X	X		X	
Spruce Flats Br	Mile 0.0 to Origin			X	X	X	X		X	
Sams Creek	Mile 0.0 to Origin			X	X	X	X		X	
Thunderhead Pr	Mile 0.0 to Origin			X	X	X	X		X	
Shut-in Cr	Mile 0.0 to Origin			X	X	X	X		X	
Lynn Camp Prong	Mile 0.0 to Origin			X	X	X	X		X	
Marks Creek	Mile 0.0 to Origin			X	X	X	X		X	
Meigs Creek	Mile 0.0 to Origin			X	X	X	X		X	
Little Greenbriar Cr	Mile 0.0 to Origin			X	X	X	X		X	
Mannis Branch	Mile 0.0 to Origin			X	X	X	X		X	
Blanket Creek	Mile 0.0 to Origin			X	X	X	X		X	
Shields Branch	Mile 0.0 to Origin			X	X	X	X		X	
Jakes Creek	Mile 0.0 to Origin			X	X	X	X		X	
Newt Prong	Mile 0.0 to Origin			X	X	X	X		X	
Laurel Branch	Mile 0.0 to Origin			X	X	X	X		X	
Fish Camp Prong	Mile 0.0 to Origin			X	X	X	X		X	
Goshen Prong	Mile 0.0 to Origin			X	X	X	X		X	
Silers Prong	Mile 0.0 to Origin			X	X	X	X		X	
Rich Branch	Mile 0.0 to Origin			X	X	X	X		X	
Rough Creek	Mile 0.0 to Origin			X	X	X	X		X	
Meigs Post Prong	Mile 0.0 to Origin			X	X	X	X		X	
Grouse Creek	Mile 0.0 to Origin			X	X	X	X		X	
Tennessee River	Mile 636.6 to 638.6	X	X	X	X	X	X	X		
Tennessee River	Mile 638.6 to 640.0		X	X	X	X	X	X		
Tennessee River	Mile 640.0 to 643.4	X	X	X	X	X	X	X		
Tennessee River	Mile 643.4 to 646.4		X	X	X	X	X	X		
Tennessee River	Mile 646.4 to 652.2	X	X	X	X	X	X	X		
Knob Creek	Mile 0.0 to Origin			X	X	X	X			
Flenniken Branch	Mile 0.0 to Origin			X	X	X	X			
Unnamed Branch	Mile 0.0 to 0.1			X	X	X	X			
Unnamed Branch	Mile 0.1 to Origin			X	X	X	X			
Unnamed Branch	Mile 0.0 to 1.1			X	X	X	X			
Unnamed Branch	Mile 1.1 to 1.3			X	X	X	X			
Unnamed Branch	Mile 1.3 to Origin			X	X	X	X			
Fourth Creek	Mile 0.0 to Origin			X	X	X	X			
Third Creek	Mile 0.0 to 4.9			X	X	X	X			
Third Creek	Mile 4.9 to Origin	X	X	X	X	X	X			
Second Creek	Mile 0.0 to Origin		X	X	X	X	X			
First Creek	Mile 0.0 to Origin			X	X	X	X			
All other surface water named and unnamed in the Upper Tennessee River Basin, with the exception of wet weather conveyances, which have not been specifically noted shall be classified				X	X	X	X			

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1200-4-4-.09 Clinch River Basin

STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
Clinch River	Mile 0.0 to 4.4 (Emory River)	X	X	X	X	X	X	X		
Emory River	Mile 0.0 to Origin	X	X	X	X	X	X			
Little Emory River	Mile 0.0 to Origin	X	X	X	X	X	X			
Middle Fork Little Emory River	Mile 0.0 to Origin			X	X	X	X			
Davis Branch	Mile 0.0 to 0.2			X	X	X	X			
Unnamed Tributary	At Emory River (Mile 16.4); Mile 0.0 to 1.0			X	X	X	X			
Crooked Fork Creek	Mile 0.0 to 4.9			X	X	X	X			
Unnamed Tributary	At Crooked Fork Creek (Mile 4.9); Mile 0.0 to Origin			X	X	X	X			
Crooked Fork Creek	Mile 4.9 to 6.7	X		X	X	X	X			
Flat Fork Creek	Mile 0.0 to Origin	X		X	X	X	X		X	
Unnamed Tributary	At Flat Fork (Mile 2.3); Mile 0.0 to Origin			X	X	X	X		X	
Crooked Fork Creek	Mile 6.7 to Origin	X		X	X	X	X			
Stockstill Creek	Mile 0.0 to 0.4			X	X	X	X			
Stockstill Creek	Mile 0.4 to Origin			X	X	X	X			
Obed River	Mile 0.0 to 34.6			X	X	X	X			
Daddy's Creek	Mile 0.0 to Origin			X	X	X	X			
Basses Creek	Mile 0.0 to 6.0			X	X	X	X			
Basses Creek	Mile 6.0 to 6.2			X	X	X	X			
Basses Creek	Mile 6.2 to Origin			X	X	X	X			
Fox Creek	Mile 0.0 to Origin			X	X	X	X			
Scantling Branch	Mile 0.0 to 1.0			X	X	X	X			
Scantling Branch	Mile 1.0 to 1.2			X	X	X	X			
Unnamed Trib.	At Scantling Branch (Mile 1.2); Mile 0.0 to Origin			X	X	X	X			
Scantling Branch	Mile 1.2 to Origin			X	X	X	X			
Unnamed Tributary	At Obed River (Mile 34.6); Mile 0.0 to 0.2			X	X	X	X			
Unnamed Tributary	Mile 0.2 to Origin			X	X	X	X			
Obed River	Mile 34.6 to 38.6			X	X	X	X			
Obed River	Mile 38.6 to 40.1			X	X	X	X			
Obed River	Mile 40.1 to Origin	X	X	X	X	X	X			
Unnamed Tributary	At Obed River (Mile 45.4); Mile 0.0 to Origin			X	X	X	X			
Clinch River	Mile 4.4 to 12.0 (Poplar Creek)	X	X	X	X	X	X	X		
Poplar Creek	Mile 0.0 to 0.5		X	X	X	X	X			
Poplar Creek	Mile 0.5 to 1.3			X	X	X	X			
Poplar Creek	Mile 1.3 to 5.5			X	X	X	X			
East Fork Poplar Creek	Mile 0.0 to 4.8			X	X	X	X			
Bear Creek	Mile 0.0 to Origin			X	X	X	X			
East Fork Poplar Creek	Mile 4.8 to 8.3			X	X	X	X			
East Fork Poplar Creek	Mile 8.3 to 14.5			X	X	X	X			
Poplar Creek	Mile 5.5 to 12.4			X	X	X	X			
Poplar Creek	Mile 12.4 to 14.4			X	X	X	X			
Indian Creek	At Poplar Creek (Mile 14.3), Mile 0.0 to Origin			X	X	X	X			
Poplar Creek	Mile 14.4 to Origin			X	X	X	X			
Clinch River	Mile 12.0 to 20.0	X	X	X	X	X	X			
White Oak Creek	Mile 0.0 to Origin			X	X		X			
Melton Branch	Mile 0.0 to Origin			X	X		X			
Clinch River	Mile 20.0 to 39.6	X	X	X	X	X	X	X		
Beaver Creek	Mile 0.0 to 8.4	X	X	X	X	X	X			
Beaver Creek	Mile 8.4 to 10.4		X	X	X	X	X			
Beaver Creek	Mile 10.4 to 17.5	X	X	X	X	X	X			
Beaver Creek	Mile 17.5 to 17.9		X	X	X	X	X			
Beaver Creek	Mile 17.9 to 21.6	X	X	X	X	X	X			

1200-4-4-.09 Clinch River Basin (cont.)

STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
Beaver Creek	Mile 21.6 to 23.6			X	X	X	X			
Beaver Creek	Mile 23.6 to 29.4	X	X	X	X	X	X			
Beaver Creek	Mile 29.4 to 31.4			X	X	X	X			
Beaver Creek	Mile 31.4 to Origin	X	X	X	X	X	X			
Unnamed Tributary	At Beaver Creek (Mile 44.1); Mile 0.0 to 0.5			X	X	X	X			
Unnamed Tributary	Mile 0.5 to Origin			X	X	X	X			
Clinch River	Mile 39.6 to 41.1	X	X	X	X	X	X	X		
Scarboro Creek	Mile 0.0 to 1.0			X	X	X	X			
Scarboro Creek	Mile 1.0 to 1.3			X	X	X	X			
Scarboro Creek	Mile 1.3 to Origin			X	X	X	X			
Clinch River	Mile 41.1 to 46.7	X	X	X	X	X	X	X		
Bull Run Creek	Mile 0.0 to 1.0			X	X	X	X			
Bull Run Creek	Mile 1.0 to Origin	X		X	X	X	X			
Nelson Branch	Mile 0.0 to 4.8			X	X	X	X			
Nelson Branch	Mile 4.8 to 5.0			X	X	X	X			
Blaze Branch	At Nelson Branch (Mile 5.0); Mile 0.0 to 0.4			X	X	X	X			
Blaze Branch	Mile 0.4 to Origin			X	X	X	X			
Nelson Branch	Mile 5.0 to Origin			X	X	X	X			
Clinch River	Mile 46.7 to 47.8	X	X	X	X	X	X	X		
Worthington Branch	At Clinch River (Mile 47.8); Mile 0.0 to 3.4			X	X	X	X			
Worthington Branch	Mile 3.4 to Origin			X	X	X	X			
Clinch River	Mile 47.8 to 50.7	X	X	X	X	X	X	X		
Braden Branch	At Clinch River (Mile 50.7); Mile 0.0 to 1.7			X	X		X			
Braden Branch	Mile 1.7 to Origin			X	X	X	X			
Clinch River	Mile 50.7 to 51.1	X	X	X	X	X	X	X		
Unnamed Tributary	At Clinch River (Mile 51.1); Mile 0.0 to 0.5			X	X	X	X			
Unnamed Tributary	Mile 0.5 to Origin			X	X	X	X			
Clinch River	Mile 51.1 to 61.5	X	X	X	X	X	X	X		
Clinch River	Mile 61.5 to 66.2	X	X	X	X	X	X			
Hinds Creek	At Clinch River (Mile 65.0); Mile 0.0 to Origin			X	X	X	X			
Buffalo Creek	Mile 0.0 to 3.8			X	X	X	X			
Buffalo Creek	Mile 3.8 to 4.8			X	X	X	X			
Buffalo Creek	Mile 4.8 to Origin			X	X	X	X			
Clinch River	Mile 66.2 to 79.8	X	X	X	X	X	X		X	
Cane Creek	At Clinch River (Mile 71.3); Mile 0.0 to Origin			X	X	X	X			
Blowing Spring Fork	At Cane Creek (Mile 1.9); Mile 0.0 to Origin			X	X	X	X			
Coal Creek	At Clinch River (Mile 75.0); Mile 0.0 to 11.3			X	X	X	X			
Coal Creek	Mile 1.3 to 3.3			X	X	X	X			
Coal Creek	Mile 3.3 to 8.4			X	X	X	X			
Coal Creek	Mile 8.4 to 8.6			X	X	X	X			
Unnamed Tributary	At Coal Creek (Mile 8.6); Mile 0.0 to 0.1			X	X	X	X			
Unnamed Tributary	Mile 0.1 to Origin			X	X	X	X			
Coal Creek	Mile 8.6 to Origin			X	X	X	X			
Clinch River	Mile 79.8 to 202.1 (Virginia Stateline)	X	X	X	X	X	X			
Cove Creek	Mile 0.0 to 15.1	X	X	X	X	X	X			
Unnamed Tributary	At Cover Creek (Mile 13.7); Mile 0.0 to Origin			X	X	X	X			
Cove Creek	Mile 15.1 to 16.1		X	X	X	X	X			
Cove Creek	Mile 16.1 to Origin	X	X	X	X	X	X			
Bruce (Brush) Creek	Mile 0.0 to Origin			X	X	X	X			
Dog Creek	At Bruce Creek (Mile 0.9); Mile 0.0 toOrigin			X	X	X	X			
Unnamed Trib	At Dog Creek (Mile 2.0); Mile 0.0 to Origin			X	X	X	X			
Big Creek	At Clinch River (Mile 83.0); Mile 0.0 to 15.6	X	X	X	X	X	X			

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1200-4-4-.09 Clinch River Basin (cont.)

STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
Big Creek	Mile 15.6 to 17.6		X	X	X	X	X			
Big Creek	Mile 17.6 to Origin			X	X	X	X			
Ollis Creek	At Big Creek (Mile 20.4); Mile 0.0 to Origin	X	X	X	X	X	X			
Powell River	At Clinch River (Mile 88.8), Mile 0.0 to 115.7	X	X	X	X	X	X			
Gap Creek	At Powell River (Mile 57.7); Mile 0.0 to Origin			X	X	X	X			
Unnamed Spring Br	From Sinkhole to Lincoln Memorial University STP				X	X	X	X		
Unnamed Spring Br	From STP to Origin			X	X	X	X			
Russell Creek	At Powell River (Mile 82.4); Mile 0.0 to 2.8			X	X	X	X			
Russell Creek	Mile 2.8 to 6.0			X	X	X	X			
Russell Creek	Mile 6.0 to Origin			X	X	X	X			
Clear Creek	Mile 0.0 to 2.0			X	X	X	X		X	
White Creek	Mile 0.0 to 2.0			X	X	X	X		X	
Mill Creek	At Clinch River (Mile 98.0); Mile 0.0 to Origin			X	X	X	X			
Byram's Creek	At Mill Creek (Mile 0.5); Mile 0.0 to Origin			X	X	X	X			
Unnamed Tributary	At Byram's Creek (Mile 2.3); Mile 0.0 to 0.2			X	X	X	X			
Unnamed Tributary	Mile 0.2 to Origin			X	X	X	X			
Ball Creek	Mile 0.0 to Origin	X		X	X	X	X		X	
Poorland Creek	At Clinch River (Mile 104.2); Mile 0.0 to Origin			X	X	X	X			
Dry Tributary	At Poorland Creek (Mile 2.5); Mile 0.0 to Waste Outfall				X	X		X		
Hunting Creek	At Clinch River (Mile 118.3); Mile 0.0 to Origin			X	X	X	X			
Unnamed Tributary	At Hunting Creek (Mile 2.0); Mile 0.0 to 0.3			X	X	X	X			
Unnamed Tributary	Mile 0.3 to Origin			X	X	X	X			
Big War Creek	At Clinch River (Mile 164.4); Mile 0.0 to 8.0			X	X	X	X			
Flat Gap Creek	At Big War Branch (Mile 7.0); Mile 0.0 to 2.8			X	X	X	X			
Flat Gap Creek	Mile 2.8 to 3.0			X	X	X	X			
Flat Gap Creek	Mile 3.0 to Origin			X	X	X	X			
Big War Creek	Mile 8.0 to Origin			X	X	X	X		X	
North Fork Clinch River	At Clinch River (Mile 192.0); Mile 0.0 to 2.2	X	X	X	X	X	X			
All other surface waters named and unnamed in the Clinch River Basin, with the exception of wet weather conveyances, which have not been specifically treated shall be classified				X	X	X	X			

1200-4-4-.10 French Broad River Basin

STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
French Broad River	Mile 0.0 to 102.2 (N. Carolina-Tenn Line)	X	X	X	X	X	X			
Hines Creek	Mile 0.0 to Origin		X	X	X	X	X			
Unnamed Tributary	At Hines Creek (Mile 1.7)			X	X		X			
Unnamed Tributary	At Hines Creek (Mile 3.7)			X	X		X			
Cement Mill Creek	Mile 0.0 to Origin		X	X	X	X	X			
Boyds Creek	Mile 0.0 to Origin		X	X	X	X	X			
Unnamed Tributary	At Boyds Creek (Mile 9.7)			X	X		X			
Unnamed Tributary	At Boyds Creek (Mile 11.5)			X	X		X			
Little Pigeon River	Mile 0.0 to 2.9	X	X	X	X	X	X			
Gist (Guess) Creek	Mile 0.0 to Origin			X	X	X	X			
Little Pigeon River	Mile 2.9 to 4.8		X	X	X	X	X			

1200-4-4-.10 French Broad River Basin (cont)

STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
W. Prong Little Pigeon R.	Mile 0.0 to 4.5	X	X	X	X	X	X			
W. Prong Little Pigeon R.	Mile 4.5 to 7.9	X	X	X	X	X	X		X	
W. Prong Little Pigeon R.	Mile 7.9 to 8.8		X	X	X	X	X		X	
W. Prong Little Pigeon R.	Mile 8.8 to 13.0	X	X	X	X	X	X		X	
W. Prong Little Pigeon R.	Mile 13.0 to 14.0		X	X	X	X	X		X	
W. Prong Little Pigeon R.	Mile 14.0 to 19.0		X	X	X	X	X		X	
Dudley Creek	Mile 0.0 to Origin			X	X	X	X		X	
Little Dudley Cr	Mile 0.0 to Origin			X	X	X	X		X	
Roaring Fork Creek	Mile 0.0 to Origin			X	X	X	X			X
Baskins Creek	Mile 0.0 to Origin			X	X	X	X		X	
Leconte Creek	Mile 0.0 to Origin			X	X	X	X		X	
W. Prong Little Pigeon R.	Mile 19.0 to Origin	X		X	X	X	X			X
Twomile Creek	Mile 0.0 to Origin			X	X	X	X		X	
Fighting Creek	Mile 0.0 to Origin			X	X	X	X		X	
Sugarland Branch	Mile 0.0 to Origin			X	X	X	X		X	
Big Branch	Mile 0.0 to Origin			X	X	X	X		X	
Road Prong	Mile 0.0 to Origin			X	X	X	X		X	
Cole Branch	Mile 0.0 to Origin			X	X	X	X		X	
Alum Cave Creek	Mile 0.0 to Origin			X	X	X	X		X	
Walker Camp Pr	Mile 0.0 to Origin			X	X	X	X		X	
Little Pigeon River	Mile 4.8 to 20.3	X	X	X	X	X	X			
Little Pigeon River	Mile 20.3 to Origin	X		X	X	X	X		X	
E.F. Little Pigeon R.	Mile 0.0 to Origin	X	X	X	X	X	X			
Dunn Creek	Mile 0.0 to Origin	X	X	X	X	X	X		X	
Ogle Springs Br	Mile 0.0 to Origin			X	X	X	X			
Bird Creek	Mile 0.0 to Origin			X	X	X	X			
Webb Creek	Mile 0.0 to Gr Smoky Mtns Pk Boundary (Mile 5.8)			X	X	X	X		X	
Soak Ash Creek	Mile 0.0 to Origin			X	X	X	X			X
Timothy Creek	Mile 0.0 to Origin			X	X	X	X			X
Redwine Creek	Mile 0.0 to Origin			X	X	X	X			X
Noisy Creek	Mile 0.0 to Origin			X	X	X	X			X
Texas Creek	Mile 0.0 to Origin			X	X	X	X			X
Webb Creek	Great Smoky Mts boundary to origin			X	X	X	X			X
Copeland Creek	Mile 0.0 to Origin			X	X	X	X		X	
Injun Creek	Mile 0.0 to Origin			X	X	X	X		X	
Rhododendron Creek	Mile 0.0 to Origin			X	X	X	X		X	
Porters Creek	Mile 0.0 to Origin			X	X	X	X		X	
False Gap Prong	Mile 0.0 to Origin			X	X	X	X		X	
Kalanu Prong	Mile 0.0 to Origin			X	X	X	X		X	
Long Branch	Mile 0.0 to Origin			X	X	X	X		X	
Cannon Creek	Mile 0.0 to Origin			X	X	X	X		X	
Lowes Creek	Mile 0.0 to Origin			X	X	X	X		X	
Boulevard Prong	Mile 0.0 to Origin			X	X	X	X		X	
Shutts Prong	Mile 0.0 to Origin			X	X	X	X		X	
M. Prong Little Pigeon	Mile 0.0 to Origin			X	X	X	X		X	
Ramsey Prong	Mile 0.0 to Origin			X	X	X	X		X	
Chapman Prong	Mile 0.0 to Origin			X	X	X	X		X	
Eagle Rocks Br	Mile 0.0 to Origin			X	X	X	X		X	
Lost Prong	Mile 0.0 to Origin			X	X	X	X		X	
Buck Fork	Mile 0.0 to Origin			X	X	X	X		X	
Muddy Creek	Mile 0.0 to Origin			X	X	X	X			
Clear Creek	Mile 0.0 to Origin	X		X	X	X	X			

1200-4-4-.10 French Broad River Basin (cont)

STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
City Spring Tributary	Mile 0.0 to 1.0			X	X	X	X			
City Spring Tributary	Mile 1.0 to 1.4			X	X	X	X			
Indian Creek	Mile 0.0 to Origin			X	X	X	X			
Ball Creek	Mile 0.0 to Origin			X	X	X	X			
Unnamed Tributary	At Ball Creek (Mile 2.9); Mile 0.0 to Origin			X	X		X			
Leadvale Creek	Mile 0.0 to 1.0			X	X	X	X			
Leadvale Creek	Mile 1.0 to Origin			X	X	X	X			
Clear Creek	Mile 0.0 to 6.7			X	X	X	X			
Clear Creek	Mile 6.7 to 6.9			X	X	X	X			
Clear Creek	Mile 6.9 to Origin			X	X	X	X			
Nolichucky River	Mile 0.0 to 5.3	X	X	X	X	X	X			
Long Creek	Mile 0.0 to Origin			X	X	X	X			
Sinking Creek	Mile 0.0 to Origin			X	X	X	X			
Nolichucky River	Mile 5.3 to 7.7		X	X	X	X	X			
Nolichucky River	Mile 7.7 to 100.8 (N. Carolina-Tenn Line)	X	X	X	X	X	X			
Slate Creek	Mile 0.0 to 3.3			X	X	X	X			
Slate Creek	Mile 3.3 to 3.5			X	X	X	X			
Slate Creek	Mile 3.5 to Origin			X	X	X	X			
Bent Creek	Mile 0.0 to Origin			X	X	X	X			
Mud Creek	Mile 0.0 to Origin			X	X	X	X			
Williams Branch	Mile 0.0 to 0.3			X	X	X	X			
Williams Branch	Mile 0.3 to Origin			X	X	X	X			
Lick Creek	Mile 0.0 to 49.0		X	X	X	X	X			
Lick Creek	Mile 49.0 to Origin	X	X	X	X	X	X			
Black Creek	Mile 0.0 to Origin			X	X	X	X			
War Branch	Mile 0.0 to 0.5			X	X	X	X			
Unnamed Tributary	At Lick Creek (Mile 36.1); Mile 0.0 to Origin			X	X		X			
Little Chucky Creek	Mile 0.0 to Origin			X	X	X	X			
Mosheim Branch	Mile 0.0 to Origin			X	X	X	X			
Unnamed Trib.	At Mosheim Branch (Mile 2.0); Mile 0.0 to Origin			X	X		X			
Unnamed Tributary	At Little Chucky Cr (Mile 17.2); Mile 0.0 to Origin			X	X	X	X			
Gap Creek	Mile 0.0 to Origin			X	X	X	X			
Furness Branch	Mile 0.0 to 4.4			X	X	X	X			
Furness Branch	Mile 4.4 to 4.6			X	X	X	X			
Furness Branch	Mile 4.6 to Origin			X	X	X	X			
Cove Creek	Mile 0.0 to Origin			X	X	X	X			
Flag Branch	Mile 0.0 to 1.0			X	X	X	X			
Flag Branch	Mile 1.0 to 1.2			X	X	X	X			
Flag Branch	Mile 1.2 to Origin			X	X	X	X			
Richland Creek	Mile 0.0 to Origin		X	X	X	X	X			
Crazy Creek	Sinkhole to Origin			X	X	X	X			
Unnamed Tributary	At Crazy Creek (Mile 1.3); Mile 0.0 to 0.5			X	X	X	X			
Unnamed Tributary	Mile 0.5 to Origin			X	X		X			
Camp Creek	Mile 0.0 to Origin		X	X	X	X	X			X
Jennings Creek	Mile 0.0 to Origin			X	X	X	X			X
Dry Creek	Mile 1.3 to Origin			X	X	X	X			X
Davis Creek	Mile 0.0 to Origin			X	X	X	X			X
College Creek	Mile 0.0 to 2.6			X	X	X	X			
College Creek	Mile 2.6 to 2.8			X	X	X	X			
College Creek	Mile 2.8 to Origin			X	X	X	X			
Moon Creek	Mile 0.0 to 2.6			X	X	X	X			

1200-4-4-.10 French Broad River Basin (cont)

STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
Moon Creek	Mile 2.6 to 2.8			X	X	X	X			
Moon Creek	Mile 2.8 to Origin			X	X	X	X			
Sinking Creek	Mile 0.0 to 1.0			X	X	X	X			
Sinking Creek	Mile 1.0 to 1.3			X	X	X	X			
Sinking Creek	Mile 1.3 to 2.4			X	X	X	X			
Sinking Creek	Mile 2.4 to 2.6			X	X	X	X			
Sinking Creek	Mile 2.6 to Origin		X	X	X	X	X			
Little Limestone Creek	Mile 0.0 to 12.0			X	X	X	X			
Little Limestone Creek	Mile 12.0 to 12.5			X	X	X	X			
Little Limestone Creek	Mile 12.5 to Origin			X	X	X	X			
Horse Creek	Mile 0.0 to Origin			X	X	X	X			X
Squibb Branch	Mile 0.0 to Origin			X	X	X	X			X
Cassi Creek, E. and W. Fork	Mile 0.0 to Origin			X	X	X	X			X
Clarks Creek	Mile 0.0 to Origin			X	X	X	X			X
Devil Fork Branch	Mile 0.0 to Origin			X	X	X	X			X
Long Arm Branch	Mile 0.0 to Origin			X	X	X	X			X
Chigger Branch	Mile 0.0 to Origin			X	X	X	X			X
Broad Shoal Creek	Mile 0.0 to Origin			X	X	X	X			X
California Creek	Mile 0.0 to Origin			X	X	X	X			X
North Indian Creek	Upstream of Erwin	X	X	X	X	X	X			X
Rock Creek	Mile 0.0 to Origin			X	X	X	X			X
Duck Creek	Mile 0.0 to Origin			X	X	X	X			X
Red Fork Creek	Mile 0.0 to Origin			X	X	X	X			X
Clear Fork Branch	Mile 0.0 to Origin			X	X	X	X			X
South Indian Creek	Mile 0.0 to Origin			X	X	X	X			X
Mill Creek	Mile 0.0 to Origin			X	X	X	X		X	
Granny Lewis Creek	Mile 0.0 to Origin			X	X	X	X			X
Lower Higgins Creek	Mile 0.0 to Origin			X	X	X	X			X
Birchfield Camp Br	Mile 0.0 to Origin			X	X	X	X			X
Big Branch	Mile 0.0 to Origin			X	X	X	X			X
Spivey Creek	Mile 0.0 to Origin			X	X	X	X			X
Coffee Ridge Cr	Mile 0.0 to Origin			X	X	X	X			X
Watts Branch	Mile 0.0 to Origin			X	X	X	X			X
Tumbling Creek	Mile 0.0 to Origin			X	X	X	X		X	
Rocky Fork Creek	Mile 0.0 to Origin			X	X	X	X			X
Flint Creek	Mile 0.0 to Origin			X	X	X	X			X
Devil Fork Creek	Mile 0.0 to Origin			X	X	X	X			X
Sams Creek	Mile 0.0 to Origin			X	X	X	X			X
Upper Higgins Cr	Mile 0.0 to Origin			X	X	X	X			X
E. Fk Higgins Cr	Mile 0.0 to Origin			X	X	X	X			X
Rice Creek	Mile 0.0 to Origin			X	X	X	X			X
Jones Creek	Mile 0.0 to Origin			X	X	X	X			X
Long Branch	Mile 0.0 to Origin			X	X	X	X			X
Pigeon River	Mile 0.0 to 25.9 (Tenn-N. Car. Line)		X	X	X	X	X			
Matthew Creek	Mile 0.0 to Origin			X	X	X	X		X	
Sinking Creek	Mile 0.0 to 5.2		X	X	X	X	X		X	
Sinking Creek	Mile 5.2 to Origin	X		X	X	X	X		X	
Cosby Creek	Mile 0.0 to 4.0			X	X	X	X		X	
Cosby Creek	Mile 4.0 to 4.3			X	X	X	X		X	
Cosby Creek	Mile 4.3 to Origin			X	X	X	X			X
N. Fork Bogard Cr	Mile 0.0 to Origin			X	X	X	X		X	
Indian Camp Creek	Mile 0.0 to Origin			X	X	X	X		X	

1200-4-4-.10 French Broad River Basin (cont)

STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
Mill Creek	Mile 0.0 to Origin			X	X	X	X			X
Big Creek	Mile 0.0 to Origin			X	X	X	X			X
Gulf Fork Big Creek	Mile 0.0 to Origin			X	X	X	X			X
Trail Fork Big Creek	Mile 0.0 to Origin			X	X	X	X		X	
Dry Fork Creek	Mile 0.0 to Origin			X	X	X	X		X	
Bailey Branch	Mile 0.0 to Origin			X	X	X	X		X	
Bear Branch	Mile 0.0 to Origin			X	X	X	X		X	
Laurel Fork Creek	Mile 0.0 to Origin			X	X	X	X			X
Moss Camp Creek	Mile 0.0 to Origin			X	X	X	X		X	
Deep Gap Creek	Mile 0.0 to Origin			X	X	X	X		X	
M. Prong Gulf Fork	Mile 0.0 to Origin			X	X	X	X		X	
Laurel Creek	Mile 0.0 to Origin			X	X	X	X			X
Brown Gap Creek	Mile 0.0 to Origin			X	X	X	X			X
Tom Creek	Mile 0.0 to Origin			X	X	X	X		X	
Wolf Creek	Mile 0.0 to 2.0			X	X	X	X		X	
Wolf Creek	Mile 2.0 to Origin			X	X	X	X			X
Brush Creek	Mile 0.0 to 1.0			X	X	X	X		X	
Paint Creek	Mile 0.0 to Origin			X	X	X	X			X
All other surface waters named and unnamed in the French Broad River Basin, with the exception of wet weather conveyances, which have not been specifically noted shall be classified				X	X	X	X			

1200-4-4-.11 Holston River Basin

STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
Holston River	Mile 0.0 to 131.5 (Church Hill Bridge)	X	X	X	X	X	X			
Unnamed Branch	At Holston River (Mile 1.0); Mile 0.0 to 0.4			X	X	X	X			
Unnamed Branch	Mile 0.4 to Origin			X	X	X	X			
Sand Branch	Mile 0.0 to Origin			X	X	X	X			
Swan Pond Creek	Mile 0.0 to 5.0			X	X	X	X			
Pratt Branch	Mile 0.0 to 0.5			X	X	X	X			
Pratt Branch	Mile 0.5 to 0.7			X	X	X	X			
Pratt Branch	Mile 0.7 to Origin			X	X	X	X			
Woods Creek	Mile 0.0 to 0.6			X	X	X	X			
Woods Creek	Mile 0.6 to Origin			X	X	X	X			
Unnamed Branch	At Holston River (Mile 6.7); Mile 0.0 to Origin			X	X	X	X			
Maccash Branch	At Holston River (Mile 10.8); Mile 0.0 to 0.8			X	X	X	X			
Maccash Branch	Mile 0.8 to 1.0			X	X	X	X			
Maccash Branch	Mile 1.0 to Origin			X	X	X	X			
Roseberry Creek	Mile 0.0 to Origin			X	X	X	X			
Unnamed Branch	At Roseberry Creek (Mile 1.7); Mile 0.0 to 0.5			X	X	X	X			
Unnamed Branch	Mile 0.5 to 0.7			X	X	X	X			
Big Flat Creek	Mile 0.0 to 8.0		X	X	X	X	X			
Little Flat Creek	Mile 0.0 to Origin			X	X	X	X			
Unnamed Tributary	At L. Flat Creek (Mile 1.3); Mile 0.0 to 0.7			X	X	X	X			
Unnamed Tributary	Mile 0.7 to 0.9			X	X	X	X			

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1200-4-4-.11 Holston River Basin (cont.)

STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
Unnamed Tributary	Mile 0.9 to Origin			X	X	X	X			
Big Flat Creek	Mile 8.0 to Origin			X	X	X	X			
Lyon Creek	Mile 0.0 to 0.3		X	X	X	X	X			
Lyon Creek	Mile 0.3 to 1.9		X	X	X	X	X			
Unnamed Branch	At Lyon Creek (Mile 1.9); Mile 0.0 to 0.3			X	X	X	X			
Unnamed Branch	Mile 0.3 to 0.5			X	X	X	X			
Unnamed Branch	Mile 0.5 to Origin			X	X	X	X			
Lyon Creek	Mile 1.9 to 2.3			X	X	X	X			
Lyon Creek	Mile 2.3 to 2.7			X	X	X	X			
Unnamed Branch	At Lyon Creek (Mile 2.7); Mile 0.0 to Origin			X	X	X	X			
Lyon Creek	Mile 2.7 to Origin			X	X	X	X			
Richland Creek	At Holston River (Mile 27.1); Mile 0.0 to 18.4			X	X	X	X			
Richland Creek	Mile 18.4 to 18.6			X	X	X	X			
Richland Creek	Mile 18.6 to Origin			X	X	X	X			
Beaver Creek	At Holston River (Mile 30.4); Mile 0.0 to Origin			X	X	X	X			
Lost Creek at New Market	Sink at Mile 1.9 to 6.5			X	X	X	X			
Lost Creek at New Market	Mile 6.5 to 6.8			X	X	X	X			
Lost Creek at New Market	Mile 6.8 to Origin			X	X	X	X			
Buffalo Creek	Below Buffalo Springs			X	X	X	X		X	
Mossy Creek	At Holston River (Mile 52.4); Mile 0.0 to 3.9	X	X	X	X	X	X			
Mossy Creek	Mile 3.9 to Origin		X	X	X	X	X		X	
Unnamed Branch	At Holston River (Mile 55.0); Mile 0.0 to 2.3			X	X	X	X			
Unnamed Branch	Mile 2.3 to 2.5			X	X	X	X			
Unnamed Branch	Mile 2.5 to Origin			X	X	X	X			
German Creek	At Holston River (Mile 70.2); Mile 0.0 to 8.1	X	X	X	X	X	X			
German Creek	Mile 8.1 to Origin			X	X	X	X			
Turkey Creek	At Holston River (Mile 75.2); Mile 0.0 to 1.2	X	X	X	X	X	X			
Turkey Creek	Mile 1.2 to Origin			X	X	X	X			
Spring Creek	At Holston River (Mile 76.0); Mile 0.0 to 1.2	X	X	X	X	X	X			
Spring Creek	Mile 1.2 to Origin			X	X	X	X			
Thompson Creek	Mile 0.0 to Origin			X	X	X	X			
Fall Creek	At Holston River (Mile 80.7); Mile 0.0 to 1.0	X	X	X	X	X	X			
Fall Creek	Mile 1.0 to Origin			X	X	X	X			
Poor Valley Creek	At Holston River (Mile 89.2); Mile 0.0 to 6.8	X	X	X	X	X	X			
Mooresburg Branch	Mile 0.0 to 1.6	X	X	X	X	X	X			
Mooresburg Branch	Mile 1.6 to Origin			X	X	X	X			
Poor Valley Creek	Mile 6.8 to Origin			X	X	X	X			
Beech Creek	At Holston River (Mile 108.8); Mile 0.0 to 5.9			X	X	X	X			
Beech Creek	Mile 5.9 to 6.1			X	X	X	X			
Big Creek (Stanley Prong)	Holston River (Mile 109.1); Mile 0.0 to Origin	X	X	X	X	X	X		X	
Forgey Creek	At Holston River (Mile 116.9); Mile 0.0 to 1.0			X	X	X	X			
Forgey Creek	Mile 1.0 to 1.1			X	X	X	X			
Unnamed Branch	At Forgey Creek (Mile 1.1); Mile 0.0 to 1.0			X	X		X			
Forgey Creek	Mile 1.1 to Origin			X	X	X	X			
Stoney Point Creek	At Holston River (Mile 123.0); Mile 0.0 to Origin			X	X	X	X			
Unnamed Branch	At Stoney Point Cr (Mile 0.2); Mile 0.0 to Origin			X	X	X	X			
Bradley Creek	At Holston River (Mile 128.8); Mile 0.0 to Origin	X		X	X	X	X			
Holston River	Mile 131.5 to Origin (Mile 142.2)			X	X	X	X			
Alexander Creek	At Holston River (Mile 131.9); Mile 0.0 to 0.8	X	X	X	X	X	X		X	
Alexander Creek	Mile 0.8 to 3.4	X	X	X	X	X	X		X	
Unnamed Branch	At Alexander Creek (Mile 3.4); Mile 0.0 to 0.3			X	X	X	X			
Alexander Creek	Mile 3.4 to Origin			X	X	X	X		X	

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1200-4-4-.11 Holston River Basin (cont.)

STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
Smith Creek	At Holston River (Mile 135.5); Mile 0.0 to 1.7			X	X	X	X			
Smith Creek	Mile 1.7 to 1.9			X	X	X	X			
Smith Creek	Mile 1.9 to Origin			X	X	X	X			
Arnott Branch	At Holston River (Mile 137.9); Mile 0.0 to 1.5			X	X	X	X			
Arnott Branch	Mile 1.5 to Origin			X	X	X	X			
North Fork Holston River	Mile 0.0 to 5.2 (Tenn-Virginia Line)			X	X		X			
South Fork Holston River	Mile 0.0 to 2.3		X	X	X					
Reedy Creek	Mile 0.0 to 7.1		X	X	X	X	X			
Reedy Creek	Mile 7.1 to Tenn-Virginia Line	X	X	X	X	X	X			
South Fork Holston River	Mile 2.3 to 5.7		X	X	X					
Horse Creek	Mile 0.0 to 1.0		X	X	X	X	X			
Horse Creek	Mile 1.0 to 1.3		X	X	X	X	X			
Horse Creek	Mile 1.3 to 2.7			X	X	X	X			
Horse Creek	Mile 2.7 to 2.9			X	X	X	X			
Horse Creek	Mile 2.9 to 3.6			X	X	X	X			
Little Horse Creek	At Horse Creek (Mile 3.6); Mile 0.0 to 0.1			X	X	X	X			
Little Horse Creek	Mile 0.1 to 2.8			X	X	X	X			
Dolan Branch	At Little Horse Creek (Mile 2.8); Mile 0.0 to 1.3			X	X	X	X			
Dolan Branch	Mile 1.3 to 1.5			X	X	X	X			
Dolan Branch	Mile 1.5 to Origin			X	X	X	X			
Little Horse Creek	Mile 2.8 to Origin			X	X	X	X			
Horse Creek	Mile 3.6 to 6.6			X	X	X	X			
Horse Creek	Mile 6.6 to 6.8			X	X	X	X			
Horse Creek	Mile 6.8 to Origin			X	X	X	X			
Unnamed Branch	At S.F. Holston R. Mile 4.0; Mile 0.0 to Origin		X	X	X	X	X			
South Fork Holston River	Mile 5.7 to 19.6	X	X	X	X	X	X		X	
Kendrick Creek	Mile 0.0 to 1.0			X	X	X	X		X	
Kendrick Creek	Mile 1.0 to Origin			X	X	X	X			
Fall Creek	Mile 0.0 to 4.8			X	X	X	X			
Fall Creek	Mile 4.8 to 5.0			X	X	X	X			
Fall Creek	Mile 5.0 to Origin			X	X	X	X			
Unnamed Branch	At S. F. Holston River (Mile 13.6); Mile 0.0 to 0.9			X	X	X	X			
Unnamed Branch	Mile 0.9 to 1.1			X	X	X	X			
Unnamed Branch	Mile 1.1 to Origin			X	X	X	X			
Sinking Creek	At S. F. Holston River (Mile 14.1); Mile 0.0 to 1.0			X	X	X	X			
Sinking Creek	Mile 1.0 to 1.2			X	X	X	X			
Sinking Creek	Mile 1.2 to Origin			X	X	X	X			
Ford Creek	Mile 0.0 to Origin			X	X	X	X			
Unnamed Branch	At Ford Creek (Mile 1.3); Mile 0.0 to Origin		X	X	X	X	X			
Cedar Creek	At S. F. Holston (Mile 18.0); Mile 0.0 to 2.3			X	X	X	X			
Unnamed Branch	At Cedar Creek (Mile 2.3); Mile 0.0 to 1.3			X	X	X	X			
Unnamed Branch	Mile 1.3 to 1.5			X	X	X	X			
Unnamed Branch	Mile 1.5 to Origin			X	X	X	X			
Cedar Creek	Mile 2.3 to Origin			X	X	X	X			
Watauga River	At S. F. Holston (Mile 19.6); Mile 0.0 to 15.0	X	X	X	X	X	X			
Boone's Creek	Mile 0.0 to 2.4			X	X	X	X			
Boone's Creek	Mile 2.4 to 2.6			X	X	X	X			
Boone's Creek	Mile 2.6 to Origin			X	X	X	X			
Knob Creek	Mile 0.0 to 2.6			X	X	X	X			
Knob Creek	Mile 2.6 to 2.8			X	X	X	X			
Knob Creek	Mile 2.8 to Origin			X	X	X	X			
Watauga River	Mile 15.0 to 16.4		X	X	X	X	X			

1200-4-4-.11 Holston River Basin (cont.)

STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
Brush Creek	Mile 0.0 to 0.2			X	X	X	X			
Brush Creek	Mile 0.2 to Origin			X	X	X	X			
Lick Creek	Mile 0.0 to Origin			X	X	X	X			
Watauga River	Mile 16.4 to 18.0	X	X	X	X	X	X		X	
Watauga River	Mile 18.0 to 23.3		X	X	X	X	X		X	
Watauga River	Mile 23.3 to 24.3		X	X	X	X	X		X	
Watauga River	Mile 24.3 to 25.8		X	X	X	X	X		X	
Buffalo Creek	At Watauga River (Mile 22.1); Mile 0.0 to 1.2			X	X	X	X			
Buffalo Creek	Mile 1.2 to 1.3			X	X	X	X			
Toll Branch	Mile 0.0 to 0.1			X	X	X	X			
Toll Branch	Mile 0.1 to Origin			X	X	X	X			
Buffalo Creek	Mile 1.3 to 1.4			X	X	X	X			
Buffalo Creek	Mile 1.4 to 3.0			X	X	X	X			
Unnamed Branch	Mile 0.2 to Origin			X	X	X	X			
Buffalo Creek	Mile 3.0 to 3.3			X	X	X	X			
Dry Creek	At Buffalo Creek (Mile 3.3); Mile 0.0 to 2.0			X	X	X	X			
Dry Creek	Mile 2.0 to 2.2			X	X	X	X			
Dry Creek	Mile 2.2 to Origin			X	X	X	X			
Buffalo Creek	Mile 3.3 to Origin			X	X	X	X			
Unnamed Branch	At Buffalo Creek (Mile 3.0); Mile 0.0 to 0.2			X	X	X	X			
Campbell Creek	At Watauga River (Mile 25.7); Mile 0.0 to Origin			X	X	X	X			
Unnamed Branch	At Campbell Creek (Mile 1.6); Mile 0.0 to 0.2			X	X	X	X			
Unnamed Branch	Mile 0.2 to Origin			X	X	X	X			
Campbell Branch	Mile 1.6 to Origin			X	X	X	X			
Watauga River	Mile 25.8 to 55.1 (N.C.-Tenn. Line)	X	X	X	X	X	X		X	
Stony Creek	Mile 0.0 to Origin			X	X	X	X			X
Little Stony Creek	Mile 0.0 to Origin			X	X	X	X			X
Pierce Branch	Mile 0.0 to Origin			X	X	X	X		X	
Bartree Branch	Mile 0.0 to Origin			X	X	X	X		X	
Mill Creek	Mile 0.0 to Origin			X	X	X	X		X	
North Fork Stony Creek	Mile 0.0 to Origin			X	X	X	X			X
Upper Hinkle Branch	Mile 0.0 to Origin			X	X	X	X		X	
Doe River	Mile 0.0 to 21.0	X	X	X	X	X	X		X	
Simerly Creek	Mile 0.0 to Origin			X	X	X	X		X	
Tiger Creek	Mile 0.0 to Origin			X	X	X	X			X
Roaring Creek	Mile 0.0 to Origin			X	X	X	X		X	
Georges Creek	Mile 0.0 to Origin			X	X	X	X			X
Sugar Hollow Creek	Mile 0.0 to Origin			X	X	X	X		X	
Hampton Creek	Mile 0.0 to Origin			X	X	X	X		X	
Shell Creek	Mile 0.0 to Origin			X	X	X	X		X	
Cove Creek	Mile 0.0 to Origin			X	X	X	X		X	
Laurel Fork Creek	At Doe River (Mile 7.0); Mile 0.0 to 0.3			X	X	X	X			X
Laurel Fork Creek	Mile 0.3 to 0.5			X	X	X	X			X
Laurel Fork Creek	Mile 0.5 to Origin			X	X	X	X			X
Little Laurel Fork	Mile 0.0 to Origin			X	X	X	X			X
Wagner Branch	Mile 0.0 to Origin			X	X	X	X			X
Buck Creek	At Doe River (Mile 20.9); Mile 0.0 to 0.2			X	X	X	X			
Buck Creek	Mile 0.2 to Origin			X	X	X	X			
Doe River	Mile 21.0 to Origin	X	X	X	X	X	X			X
Little Stony Creek	Mile 0.0 to Origin			X	X	X	X			X
Elk River	At Watauga Mile 46.8; Mile 0.0 to 14.5 (Stateline)			X	X	X	X		X	
Black Branch	Mile 0.0 to Origin			X	X	X	X			X

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1200-4-4-.11 Holston River Basin (cont.)

STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
Row Branch	Mile 0.0 to Origin			X	X	X	X			X
Heaton Branch	Mile 0.0 to Origin			X	X	X	X			X
Little Laurel Branch	Mile 0.0 to Origin			X	X	X	X			X
Cobb Branch	Mile 0.0 to Origin			X	X	X	X		X	
Cress Branch	Mile 0.0 to Origin			X	X	X	X			X
Roan Creek	At Watauga River (Mile 45.5); Mile 0.0 to 16.7	X	X	X	X	X	X			X
Doe Creek	At Roan Creek (Mile 10.9); Mile 0.0 to Origin			X	X	X	X			X
Spruce Branch	At Doe Creek (Mile 10.9); Mile 0.0 to Origin			X	X	X	X			
Timothy Branch	Mile 0.0 to Origin			X	X	X	X		X	
Campbell's Creek	Mile 0.0 to Origin			X	X	X	X			X
Roan Creek	Mile 16.7 to 17.7			X	X	X	X		X	
Mill Creek	Mile 0.0 to Origin			X	X	X	X		X	
Stout Branch	Mile 0.0 to Origin			X	X	X	X			X
Vaught Creek	Mile 0.0 to Origin	X		X	X	X	X			X
Town Creek	At Roan Creek (Mile 17.7); Mile 0.0 to 0.2			X	X	X	X			
Town Creek	Mile 0.2 to Origin			X	X	X	X			
Furnace Creek	At Town Creek (Mile 3.0); Mile 0.0 to Origin			X	X	X	X			X
Goose Creek	At Town Creek (Mile 3.0); Mile 0.0 to Origin			X	X	X	X			
Patrick Creek	At Goose Creek (Mile 2.6); Mile 0.0 to 0.2			X	X	X	X			
Patrick Creek	Mile 0.2 to Origin			X	X	X	X			
Roan Creek	Mile 17.7 to Origin	X		X	X	X	X			X
Corn Creek	Mile 0.0 to Origin			X	X	X	X			X
Forge Creek	Mile 0.0 to Origin			X	X	X	X			X
Brush Fork Creek	Mile 0.0 to Origin			X	X	X	X		X	
Big Dry Run Creek	Mile 0.0 to Origin			X	X	X	X		X	
Buffalo Creek	Mile 0.0 to Origin			X	X	X	X		X	
Gap Creek	Mile 0.0 to Origin			X	X	X	X		X	
South Fork Holston River	Mile 19.6 to 35.5 (above Bluff City)	X	X	X	X	X	X			
Muddy Creek	At S. F. Holston (Mile 25.5); Mile 0.0 to 2.6			X	X	X	X			
Booher Creek	At Muddy Creek (Mile 2.6); Mile 0.0 to 3.2			X	X	X	X			
Booher Creek	Mile 3.2 to 3.4			X	X	X	X			
Booher Creek	Mile 3.4 to Origin			X	X	X	X			
Muddy Creek	Mile 2.6 to 4.8			X	X	X	X			
Muddy Creek	Mile 4.8 to 4.9			X	X	X	X			
Unnamed Branch	At Muddy Creek (Mile 4.9); Mile 0.0 to 0.1			X	X	X	X			
Unnamed Branch	Mile 0.1 to Origin			X	X	X	X			
Muddy Creek	Mile 4.9 to Origin			X	X	X	X			
Beaver Creek	At S. F. Holston (Mile 29.6); Mile 0.0 to 9.1		X	X	X	X	X			
Back (Beck) Creek	At Beaver Creek (Mile 6.1); Mile 0.0 to 2.7			X	X	X	X			
Univac Branch	At Back Creek (Mile 0.5); Mile 0.0 to 0.3			X	X	X	X			
Univac Branch	Mile 0.3 to Origin			X	X	X	X			
Back (Beck) Creek	Mile 2.7 to 2.9			X	X	X	X			
Back (Beck) Creek	Mile 2.9 to Origin			X	X	X	X			
Unnamed Branch	At Beaver Creek (Mile 7.3); Mile 0.0 to 0.2			X	X	X	X			
Unnamed Branch	Mile 0.2 to Origin			X	X	X	X			
Cedar Creek	At Beaver Creek (Mile 7.9); Mile 0.0 to Origin			X	X	X	X			
Beeler Road Br	At Cedar Creek (Mile 3.2); Mile 0.0 to Origin			X	X	X	X			
Raytheon Br	At Beeler Road Branch (Mile 1.2); Mile 0.0 to 0.2			X	X		X			
Beaver Creek	Mile 9.1 to 11.0		X	X	X	X	X			
Steele Creek	At Beaver Creek (Mile 11.0); Mile 0.0 to Origin			X	X	X	X			
Beaver Creek	Mile 11.0 to 11.3		X	X	X	X	X			
Beaver Creek	Mile 11.3 to 15.3 (Tenn-Virgina Line)		X	X	X	X	X			

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1200-4-4-.11 Holston River Basin (cont.)

STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
Indian Creek	At S. F. Holston (Mile 35.0); Mile 0.0 to Origin			X	X	X	X			
Booher Creek	At Indian Creek (Mile 3.7); Mile 0.0 to Origin			X	X	X	X			
Unnamed Branch	At Booher Creek (Mile 0.6); Mile 0.0 to 0.2			X	X	X	X			
Unnamed Branch	Mile 0.2 to Origin			X	X	X	X			
South Fork Holston River	Mile 35.5 to South Holston Dam	X	X	X	X	X	X		X	
Unnamed Branch	At S. F. Holston (Mile 39.1); Mile 0.0 to 1.3			X	X	X	X			
Unnamed Branch	Mile 1.3 to Origin			X	X	X	X			
South Fork Holston River	South Holston Dam to mile 62.8 (Virginia Line)	X	X	X	X	X	X			
Big Creek	Mile 0.0 to Origin			X	X	X	X		X	
Kendrick Creek	Mile 0.0 to Origin			X	X	X	X		X	
Fishdam Creek	Mile 0.0 to Origin			X	X	X	X			X
Sulphur Springs Branch	Mile 0.0 to Origin			X	X	X	X		X	
Sharps Creek	Mile 0.0 to Origin			X	X	X	X		X	
Little Jacobs Creek	Mile 0.0 to Origin	X		X	X	X	X			X
Jacobs Creek	At S. F. Holston (Mile 59.8); Mile 0.0 to 3.4	X	X	X	X	X	X			X
Jacobs Creek	Mile 3.4 to 3.6		X	X	X	X	X			X
Jacobs Creek	Mile 3.6 to Origin			X	X	X	X			X
Harpers Creek	Mile 0.0 to Origin			X	X	X	X			X
Rockhouse Run Creek	Mile 0.0 to Origin			X	X	X	X		X	
Laurel Creek	Stateline to Origin			X	X	X	X			X
Beaverdam Creek	Stateline to Origin			X	X	X	X			X
London Bridge Br	Stateline to Origin			X	X	X	X		X	
Reservoir Branch	Mile 0.0 to Origin			X	X	X	X		X	
Stillhouse Branch	Mile 0.0 to Origin			X	X	X	X		X	
Chalk Branch	Mile 0.0 to Origin			X	X	X	X			X
Chestnut Branch	Mile 0.0 to Origin			X	X	X	X		X	
Haunted Hollow Br.	Mile 0.0 to Origin			X	X	X	X			X
Fagall Branch	Mile 0.0 to Origin			X	X	X	X			X
Birch Branch	Mile 0.0 to Origin			X	X	X	X			X
Parks Branch	Mile 0.0 to Origin			X	X	X	X		X	
David Blevin Branch	Mile 0.0 to Origin			X	X	X	X		X	
Johnson Branch	Mile 0.0 to Origin			X	X	X	X		X	
Jim Wright Branch	Mile 0.0 to Origin			X	X	X	X			X
Ledford Branch	Mile 0.0 to Origin			X	X	X	X		X	
W. Fk Beaverdam	Mile 0.0 to Origin			X	X	X	X			X
M. Fk Beaverdam	Mile 0.0 to Origin			X	X	X	X			X
E. Fk Beaverdam	Mile 0.0 to Origin			X	X	X	X			X
Lyons Branch	Mile 0.0 to Origin			X	X	X	X			X
Gentry Creek	Mile 0.0 to Origin			X	X	X	X			X
Dry Branch	Mile 0.0 to Origin			X	X	X	X		X	
Grindstone Branch	Mile 0.0 to Origin			X	X	X	X			X
Flatwood Branch	Mile 0.0 to Origin			X	X	X	X			X
Corum Branch	Mile 0.0 to Origin			X	X	X	X			X
West Fork Laurel Creek	Mile 0.0 to Origin			X	X	X	X			X
All other surface tributaries named and unnamed in the Holston River Basin, with the exception of wet weather conveyances, which have not been specifically noted shall be classified				X	X	X	X			

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1200-4-4-.12 Lower Cumberland River Basin

STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
Cumberland River	Mile 74.6 (Ky-Tenn Line) to 118.3 (Cummings Cr.)		X	X	X	X	X	X	X	
Saline Creek	Mile 0.0 to Hwy 120		X	X	X	X	X			
Saline Creek	Hwy 120 to Fort Campbell boundary		X	X	X	X	X		X	
Saline Creek	Fort Campbell Boundary to Origin		X	X	X	X	X			
Bear Creek	Mile 0.0 to Origin			X	X	X	X			
Long Creek	Highway 49 to Origin			X	X	X	X		X	
Elk Creek	Mile 0.0 to Origin			X	X	X	X			
Wells Creek	Mile 0.0 to 5.2			X	X	X	X			
Wells Creek	Mile 5.2 to 7.2			X	X	X	X			
Wells Creek	Mile 7.2 to Origin			X	X	X	X			
Yellow Creek	Mile 3.4 to Ruskin Cave			X	X	X	X		X	
Cumberland River	Mile 118.3 to 125.3 (Red River)	X	X	X	X	X	X	X		
Cumberland River	Mile 125.3 to 175.7 (Richland Creek)	X	X	X	X	X	X	X		
Red River	Mile 0.0 to 2.0		X	X	X	X	X	X		
Red River	Mile 2.0 to 15.0	X	X	X	X	X	X	X		
Red River	Mile 15.0 to 51.2 (Ky-Tenn Line)	X	X	X	X	X	X			
South Fork Red River	Mile 20.4 (Ky-Tenn Line) to 22.2			X	X	X	X			
South Fork Red River	Mile 22.2 to 23.2			X	X	X	X			
South Fork Red River	Mile 23.2 to Origin			X	X	X	X			
Big West Fork	Mile 0.0 to 14.6 (Ky-Tenn Line)		X	X	X		X	X		
Little West Fork	Mile 0.0 to 10.4		X	X	X	X	X			
Sulphur Fork	Mile 0.0 to 26.6	X	X	X	X	X	X			
Sulphur Fork	Mile 26.6 to 28.6		X	X	X	X	X			
Sulphur Fork	Mile 28.6 to Origin	X	X	X	X	X	X			
Carr Creek	Mile 0.0 to 9.7			X	X	X	X			
Carr Creek	Mile 9.7 to 11.2			X	X	X	X			
Carr Creek	Mile 11.2 to Origin			X	X	X	X			
Red River	Mile 81.0 (Ky-Tenn Line) to Origin	X	X	X	X	X	X			
Summers Branch	Mile 0.0 to 8.2			X	X	X	X			
Summers Branch	Mile 8.2 to 9.2			X	X	X	X			
Summers Branch	Mile 9.2 to Origin			X	X	X	X			
Hurricane Creek	Mile 0.0 to Origin			X	X	X	X			
Sulphur Springs Cr	Mile 0.0 to 2.1			X	X	X	X			
Sulphur Springs Cr	Mile 2.1 to Origin			X	X	X	X			
Harpeth River	Mile 0.0 to 10.3	X	X	X	X	X	X			
Jones Creek	Mile 0.0 to 20.7		X	X	X	X	X			
Jones Creek	Mile 20.7 to 21.7		X	X	X	X	X			
Jones Creek	Mile 21.7 to Origin		X	X	X	X	X			
Town Branch	Mile 0.0 to Origin		X	X	X	X	X			
Harpeth River	Mile 10.3 to 52.8	X	X	X	X	X	X			
Trace Creek	Mile 0.0 to 2.3		X	X	X	X	X			
Trace Creek	Mile 2.3 to 4.3		X	X	X	X	X			
Trace Creek	Mile 4.3 to Origin		X	X	X	X	X			
Turnbull Creek	Mile 0.0 to Origin	X	X	X	X	X	X			
Sullivans Branch	Mile 0.0 to 1.0		X	X	X	X	X			
Sullivans Branch	Mile 1.0 to 1.8		X	X	X	X	X			
Sullivans Branch	Mile 1.8 to Origin		X	X	X	X	X			
Beaver Dam Creek	Mile to 0.0 to Origin		X	X	X	X	X			
Gin Branch	Mile 0.0 to 2.0		X	X	X	X	X			
Gin Branch	Mile 2.0 to 2.9		X	X	X	X	X			
Gin Branch	Mile 2.9 to Origin		X	X	X	X	X			
Brush Creek	Mile 0.0 to Origin		X	X	X	X	X			
Caney Fork Creek	Mile 0.0 to 4.0		X	X	X	X	X			

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1200-4-4-.12 Lower Cumberland River Basin (cont.)

STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
Caney Fork Creek	Mile 4.0 to 4.2		X	X	X	X	X			
Caney Fork Creek	Mile 4.2 to Origin		X	X	X	X	X			
Harpeth River	Mile 52.8 to 55.8		X	X	X	X	X			
Harpeth River	Mile 55.8 to 57.8		X	X	X	X	X			
Harpeth River	Mile 57.8 to 61.9 (Little Harpeth)	X	X	X	X	X	X			
Little Harpeth River	Mile 0.0 to 4.7		X	X	X	X	X			
Little Harpeth River	Mile 4.7 to 6.9		X	X	X	X	X			
Little Harpeth River	Mile 6.9 to 10.3		X	X	X	X	X			
Little Harpeth River	Mile 10.3 to 11.1		X	X	X	X	X			
Little Harpeth River	Mile 11.1 to Origin		X	X	X	X	X			
Harpeth River	Mile 61.9 to 68.3 (Cartwright Creek		X	X	X	X	X			
Cartwright Creek	Mile 0.0 to 1.2			X	X	X	X			
Cartwright Creek	Mile 1.2 to Origin			X	X	X	X			
Harpeth River	Mile 68.3 to 79.0	X	X	X	X	X	X			
West Harpeth River	Mile 0.0 to Origin	X	X	X	X	X	X			
Harpeth River	Mile 79.0 to 82.0		X	X	X	X	X			
Harpeth River	Mile 82.0 to 85.2		X	X	X	X	X			
Spencer Creek	Mile 0.0 to 3.0			X	X	X	X			
Spencer Creek	Mile 3.0 to Origin			X	X	X	X			
Harpeth River	Mile 85.2 to Origin	X	X	X	X	X	X			
Sycamore Creek	Mile 0.0 to 10.0	X	X	X	X	X	X			
Sycamore Creek	Mile 10.0 to Origin	X		X	X	X	X			
Marrowbone Creek	Mile 0.0 to 3.0	X	X	X	X	X	X			
Marrowbone Creek	Mile 3.0 to Origin	X		X	X	X	X			
Cumberland River	Mile 175.7 to 189.5	X	X	X	X	X	X	X		
Richland Creek	Mile 0.0 to 4.0			X	X	X	X			
Richland Creek	Mile 4.0 to Origin			X	X	X	X			
Whites Creek	Mile 0.0 to Origin		X	X	X	X	X			
Ewing Creek	Mile 0.0 to 1.5		X	X	X	X	X			
Ewing Creek	Mile 1.5 to Origin		X	X	X	X	X			
Cumberland River	Mile 189.5 to 216.2 (Old Hickory Dam)	X	X	X	X	X	X	X		
Mill Creek	Mile 0.0 to 5.0		X	X	X	X	X			
Mill Creek	Mile 5.0 to 7.8		X	X	X	X	X			
Mill Creek	Mile 7.8 to 9.8		X	X	X	X	X			
Mill Creek	Mile 9.8 to 11.5		X	X	X	X	X			
Mill Creek	Mile 11.5 to 23.0			X	X	X	X			
Mill Creek	Mile 23.0 to 24.0			X	X	X	X			
Mill Creek	Mile 24.0 to Origin			X	X	X	X			
Stones River	Mile 0.0 to 6.8	X	X	X	X	X	X			
Stoners Creek	Mile 0.0 to 4.6			X	X	X	X			
Stoners Creek	Mile 4.6 to 11.2			X	X	X	X			
Stoners Creek	Mile 11.2 to 12.7 (at Mt. Juliet)			X	X	X	X			
Stoners Creek	Mile 12.7 to Origin			X	X	X	X			
McCrory Creek	Mile 0.0 to Origin			X	X	X	X			
Stones R. (Percy Priest Res.)	Mile 6.8 to 38.7 (Confluence-East & West Fork)	X	X	X	X	X	X			
Suggs Creek	Mile 0.0 to Origin			X	X	X	X			
Smith Springs Creek	Mile 0.0 to Origin			X	X	X	X			
Hurricane Creek	Mile 0.0 to Origin			X	X	X	X			
Stewart Creek	Mile 0.0 to Origin			X	X	X	X			
Harts Branch	Mile 0.0 to 0.6			X	X	X	X			
Harts Branch	Mile 0.6 to Origin			X	X	X	X			
Fall Creek & Tributaries	Mile 0.0 to Origin			X	X	X	X			

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1200-4-4-.11 Lower Cumberland River Basin (cont.)

STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
East Fork Stones River	Mile 0.0 to 44.5 (Near Woodbury)	X	X	X	X	X	X			
Bradley Creek	Mile 0.0 to Origin			X	X	X	X			
Cripple Creek	Mile 0.0 to Origin			X	X	X	X			
East Fork Stones River	Mile 44.5 to 45.2		X	X	X	X	X			
East Fork Stones River	Mile 45.2 to Origin	X	X	X	X	X	X			
West Fork Stones River	Mile 0.0 to 10.0	X	X	X	X	X	X			
Overall Creek	Mile 0.0 to Origin			X	X	X	X			
West Fork Stones River	Mile 10.0 to 11.5		X	X	X	X	X			
West Fork Stones River	Mile 11.5 to 14.0		X	X	X	X	X			
West Fork Stones River	Mile 14.0 to 15.2		X	X	X	X	X			
West Fork Stones River	Mile 15.2 to Origin	X	X	X	X	X	X			
Lytle Creek	Mile 0.0 to Origin			X	X	X	X			
Middle Fork Stones	Mile 0.0 to Origin	X	X	X	X	X	X			
Christmas Cr.	Mile 0.0 to Origin			X	X	X	X			
Cumberland River	Mile 216.2 to 309.2 (Caney Fork River)	X	X	X	X	X	X	X		
Drakes Creek	Mile 0.0 to 4.9	X	X	X	X	X	X	X		
Drakes Creek	Mile 4.9 to Origin			X	X	X	X			
Smiths Creek	Mile 0.0 to Origin			X	X	X	X			
Cedar Creek	Mile 0.0 to 2.0	X	X	X	X	X	X	X		
Cedar Creek	Mile 2.0 to 6.6			X	X	X	X			
Cedar Creek	Mile 6.6 to 7.6			X	X	X	X			
Cedar Creek	Mile 7.6 to Origin			X	X	X	X			
Spencer Creek	Mile 0.0 to 2.8	X	X	X	X	X	X	X		
Spencer Creek	Mile 2.8 to Origin			X	X	X	X			
Bartons Creek	Mile 0.0 to Origin			X	X	X	X			
Sinking Creek	Mile 0.0 to Origin			X	X	X	X			
Big Goose Creek	Mile 0.0 to 1.0			X	X	X	X			
Big Goose Creek	Mile 1.0 to 1.7			X	X	X	X			
Big Goose Creek	Mile 1.7 to Origin			X	X	X	X			
Little Goose Creek	Mile 0.0 to 1.7			X	X	X	X			
Little Goose Creek	Mile 1.7 to Origin			X	X	X	X			
Round Lick Creek	Mile 0.0 to 18.0			X	X	X	X			
Round Lick Creek	Mile 18.0 to 19.5			X	X	X	X			
Round Lick Creek	Mile 19.5 to Origin			X	X	X	X			
All other surface waters named and unnamed in the Lower Cumberland River Basin (and Green River Basin), with the exception of wet weather conveyances, which have not been specifically noted shall be classified.				X	X	X	X			

1200-4-4-.13 Upper Cumberland River Basin

STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
Cumberland River	Mile 309.2 to 385.5 (Ky-Tenn Line)	X	X	X	X	X	X	X		
Caney Fork River	Mile 0.0 to 25.4	X	X	X	X	X	X	X	X	
Mulherrin Creek	Mile 0.0 to Origin			X	X	X	X			
Hickman Creek	Mile 0.0 to 10.1			X	X	X	X			
Hickman Creek	Mile 10.1 to 13.1			X	X	X	X			
Hickman Creek	Mile 13.1 to Origin			X	X	X	X			
Smith Fork Creek	Mile 0.0 to Origin			X	X	X	X			

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1200-4-4-.13 Upper Cumberland River Basin (cont.)

STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
Dry Creek	Mile 0.0 to Origin			X	X	X	X		X	
Jones Fork	Mile 0.0 to Origin			X	X	X	X		X	
Caney Fork River	Mile 25.4 to Origin	X	X	X	X	X	X			
Mine Lick Creek	Mile 0.0 to 5.0	X		X	X	X	X			
Mine Lick Creek	Mile 5.0 to 12.8			X	X	X	X			
Mine Lick Creek	Mile 12.8 to 15.8			X	X	X	X			
Mine Lick Creek	Mile 15.8 to Origin			X	X	X	X			
Falling Water River	Mile 0.0 to 39.0	X		X	X	X	X			
Falling Water River	Mile 39.0 to 42.0			X	X	X	X			
Falling Water River	Mile 42.0 to Origin			X	X	X	X			
Cane Creek	Mile 0.0 to Origin			X	X	X	X			
Pigeon Roost Creek	Mile 0.0 to Origin			X	X	X	X			
Fall Creek	Mile 0.0 to Origin			X	X	X	X			
Pine Creek	Mile 2.4 to Origin			X	X	X	X		X	
Turner Branch	Mile 0.0 to 0.5			X	X	X	X		X	
Sink Creek	Mile 4.6 to Origin			X	X	X	X		X	
Collins River	Mile 0.0 to 43.0	X	X	X	X	X	X			
Mountain Creek	Mile 0.0 to 6.0			X	X	X	X		X	
Charles Creek	Mile 0.0 to 9.0			X	X	X	X		X	
Barren Fork River	Mile 0.0 to 1.5			X	X	X	X			
Barren Fork River	Mile 1.5 to 4.5			X	X	X	X			
Barren Fork River	Mile 4.5 to Origin	X	X	X	X	X	X			
Hickory Creek	Mile 19.0 to 24.0			X	X	X	X		X	
W.F. Hickory C	Mile 0.0 to Origin			X	X	X	X			
Keel Branch	Mile 0.0 to Origin			X	X	X	X			
Hills Creek	Mile 0.0 to Origin			X	X	X	X		X	
Collins River	Mile 43.0 to 49.0	X		X	X	X	X		X	
Big Creek	Mile 0.0 to 6.0	X		X	X	X	X			
Big Creek	Mile 6.0 to 6.7			X	X	X	X			
Big Creek	Mile 6.7 to 10.0			X	X	X	X			
Big Creek	Mile 10.0 to 10.6			X	X	X	X			
Big Creek	Mile 10.6 to Origin			X	X	X	X			
Collins River	Mile 49.0 to Origin			X	X	X	X			
Caney Fork River	Mile 92.2 to Origin	X	X	X	X	X	X			
Rocky River	Mile 0.0 to 9.0	X	X	X	X	X	X			
Rocky River	Mile 9.0 to 13.0	X	X	X	X	X	X		X	
Rocky River	Mile 13.0 to Origin	X	X	X	X	X	X			
Calfkiller River	Mile 0.0 to 6.5	X	X	X	X	X	X			
Calfkiller River	Mile 6.5 to 10.6		X	X	X	X	X			
Calfkiller River	Mile 10.6 to 14.1		X	X	X	X	X			
Calfkiller River	Mile 14.1 to 30.8	X	X	X	X	X	X			
Town Creek	Mile 0.0 to Origin			X	X	X	X			
Calfkiller River	Mile 30.8 to Origin	X	X	X	X	X	X		X	
Cane Creek	Mile 1.0 to 8.0	X	X	X	X	X	X		X	
Falls Creek	Mile 0.0 to Origin			X	X	X	X			
Cane Creek	Mile 8.0 to Origin	X	X	X	X	X	X			
Bee Creek	Mile 0.0 to 4.3			X	X	X	X			
Bee Creek	Mile 4.3 to 7.3			X	X	X	X			
Bee Creek	Mile 7.3 to Origin	X		X	X	X	X			
Wilkerson Creek	Mile 0.0 to 2.6			X	X	X	X			
Wilkerson Creek	Mile 2.6 to Origin			X	X	X	X			
Frey Branch	Mile 0.0 to 0.2			X	X	X	X			

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1200-4-4-.13 Upper Cumberland River Basin (cont.)

STREAM	DESCRIPTION	DOMESTIC WATER SUPPLY	INDUST. WATER SUPPLY	FISH & AQUATIC LIFE	RECRE-ATION	IRRIG-ATION	LIVESTOCK WATERING & WILDLIFE	NAVIG-ATION	TROUT STREAM	NATURALLY REPRODUCING TROUT STREAM
Frey Branch	Mile 0.2 to Origin			X	X	X	X			
Roaring River	Mile 0.0 to 29.9			X	X	X	X			
Roaring River	Mile 29.9 to Origin	X		X	X	X	X			
Spring Creek	Mile 0.0 to Origin			X	X	X	X			
Bear Creek	Mile 0.0 to 4.3			X	X	X	X			
Bear Creek	Mile 4.3 to 6.4			X	X	X	X			
Bear Creek	Mile 6.4 to Origin			X	X	X	X			
Carr Creek	Mile 0.0 to 4.2			X	X	X	X			
Carr Creek	Mile 4.2 to Origin	X		X	X	X	X			
Town Creek	Mile 0.0 to 0.8			X	X	X	X			
Town Creek	Mile 0.8 to Origin			X	X	X	X			
Goose Creek	Mile 0.0 to 12.0			X	X	X	X		X	
Flynns Creek	Mile 0.0 to 5.0			X	X	X	X		X	
Obey River	Mile 0.0 to 7.3	X	X	X	X	X	X		X	
Neely Creek	Mile 0.0 to Origin (3.3 miles)			X	X	X	X		X	
Wolf River	Mile 0.0 to Ky State Line		X	X	X	X	X			
Wolf River	Ky State Line to Fentress Co. line			X	X	X	X		X	
Town Creek	Mile 0.0 to 0.1			X	X	X	X			
Town Creek	Mile 0.1 to Origin			X	X	X	X			
Obey River	Mile 7.3 to confluence of East and West Forks	X	X	X	X	X	X			
West Fork Obey River	Mile 0.0 to Origin			X	X	X	X			
East Fork Obey River	Mile 0.0 to Origin	X		X	X	X	X			
Buffalo Cove Creek	Mile 0.0 to Origin			X	X	X	X			
Rock Castle Creek	Mile 0.0 to 4.0			X	X	X	X			
Rock Castle Creek	Mile 4.0 to 5.5			X	X	X	X			
Rock Castle Creek	Mile 5.5 to Origin			X	X	X	X			
Big South Fork Cumberland	Mile 55.5 (Ky-Tenn Line) to Origin (Mile 77.0)	X	X	X	X	X	X			
No Business Creek	Upper 4.0 miles			X	X	X	X		X	
Parch Corn Creek	Upper 1.5 miles			X	X	X	X		X	
Station Camp Creek	Upper 4.8 miles			X	X	X	X		X	
Laurel Fork Creek	Upper 4.9 miles			X	X	X	X		X	
North White Oak Creek	Upper 3.9 miles			X	X	X	X		X	
Williams Creek	Upper 7.6 miles			X	X	X	X		X	
Pine Creek	Mile 0.0 to 8.5			X	X	X	X			
Pine Creek	Mile 8.5 to 10.5			X	X	X	X			
Pine Creek	Mile 10.5 to Origin	X		X	X	X	X			
New River	Mile 0.0 to 15.0			X	X	X	X			
New River	Mile 15.0 to Origin	X		X	X	X	X			
Clear Fork River	Mile 0.0 to Origin			X	X	X	X			
Elk Fork Creek	Mile 1.8 (KY Line) to Origin	X		X	X	X	X			
All other surface waters named and unnamed, within the Upper Cumberland River Basin, with the exception of wet weather conveyances, which have not been specifically noted shall be classified				X	X	X	X			

Authority: T.C.A. §§4-5-201, et seq., and 69-3-105.

Legal Contact and/or party who will approve final copy for publication:

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Contact for disk acquisition:

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532-0131

Signature of the agency officer directly responsible for proposing and/or drafting these rules:

Mr. Paul E. Davis
Director
Division of Water Pollution Control

The roll-call vote by the Water Quality Control Board on these rulemaking hearing rules was as follows:

	Ave	No	Abstain	Absent
Mr. Frank Brogden	\			
Dr. Don Byerly				X
Ms. Leslie Cain	X			
Mr. ~~Mike Countess~~ John M=Clurkan	X			
Dr. James Cunningham	X			
Ms. Geneil Hailey Dillehay, P. E.	X			
Mr. Eddie Wayne Floyd	X			
Mr. John Leonard	X			
Mr. John Charles Wilson				X
Mr. Robert Worthington	X			

I certify that this is an accurate and complete copy of rulemaking hearing rules, lawfully promulgated and adopted by the Water Quality Control Board on the 22nd day of June, 1999.

Further, I certify that these rules are properly presented for filing, a notice of rulemaking hearing having been published in the August, 1997 issue of the Tennessee Administrative Register, and such rulemaking hearings having been conducted pursuant thereto on the 22nd, 23rd, and 24th days of September, 1997 and on the 1st, 2nd, 6th, 7th, 8th, 9th, 13th, 14th, 15th, and 16th days of October, 1997.

Frank W. Bogden
Chairperson, Tennessee Water Quality Control Board

Subscribed and sworn to before me this the 22nd day of June, 1999.

Theresa H. Denton
Notary Public

My commission expires on the 28th day of Nov, 1999

All rulemaking hearing rules provided for herein have been examined by the Attorney General and Reporter of the State of Tennessee and are approved as to legality pursuant to the provisions of the Administrative Procedures Act, Tennessee Code Annotated, Title 4, Chapter 5.

Paul G. Summers
Attorney General and Reporter of the State of Tennessee

The rulemaking hearing rules set out herein were properly filed in the Department of State and will become effective on the 11 day of Oct, 1999.

Riley C. Darnell
RILEY C. DARNELL
Secretary of State of the State of Tennessee

By: M Darnell